

the —
GLOXINIAN

The Journal for Gesneriad Growers

Vol. 53, No. 1

First Quarter 2003



Agalmyla chorisepala

American Gloxinia and Gesneriad Society, Inc.

A non-profit membership corporation chartered by the State of Missouri

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Agalmyla chorisepala
from the Phillipines
growing at the Royal
Botanic Garden Edinburgh
(photo by Debbie White, RBGE)

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Color photo on page 53 sponsored by Carolyn Ripps in lieu of
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in lieu of speaker's fee from the Greater New York Chapter

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President's Message

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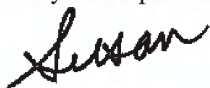
Happy New Gesneriad Year!

This is the issue you've been waiting for... the announcement of the 47th Annual AGGS Convention in Sacramento, California in July 2003! Since the convention program varies slightly from year to year as we experiment to improve the schedule, you should read the program details carefully and plan your activities so you don't miss anything. Be sure to read over the Flower Show Schedule, Rules, and Exhibitor's Information sections carefully as these also change slightly from year to year as we continue to make improvements. Some entries require extensive advance preparation, and it is never too early to begin getting plants ready to show. Even if you aren't able to attend the convention, you could send an entry with someone for one of the Arts categories. Folks attending the convention who are unable to transport plants, should consider entering in the Arts or Educational sections.

The earlier you register for the convention, the better the local committee is able to plan the details of activities for the number of people attending. The convention is a great opportunity to meet people from all over the world who grow gesneriads. Nothing can replace the face-to-face exchange of plant growing tips and the camaraderie of so many fellow gesneriad growers gathered in one place. For me it will be a return to my roots as I was born in California and am looking forward to "going home" even if it's only for a short time. Sacramento, here we come!

Another eagerly awaited feature of this first issue of THE GLOXINIAN each year is the complete listing of our Seed Fund. There are several things to remember when ordering seed. Most of the seed selections for the Fund are donated by a very few people who set seed on gesneriads and then return that harvested seed to the Fund for the rest of the membership to enjoy. If we don't replenish the seeds, we will be losing a rich heritage of irreplaceable genetic resources. I recently attended a lecture by one of the founders of the Seed Savers Exchange in Decorah, Iowa. Since 1975, this group has been collecting by donation heirloom vegetable and garden flower seeds from around the world. These seeds are distributed, grown, set again and the supply replenished in an effort not to lose the genetic diversity contained in those seeds. We need to do the same for our gesneriad seeds. There are usually plenty of seeds in each packet, so plants can be shared with friends. It is only through the return of seed to the Fund that this resource can be maintained. If we all made an effort to replenish at least some of the seed we order from the Fund, we will have a much better chance of not losing any of the currently available species.

One last thought I would like to leave with you is to consider working as a team with another gesneriad enthusiast in giving a program to a group. I recently attended a gesneriad program given by one of our members and TG advertisers, Jim McKinney of Wichita, Kansas, at our State-wide Master Gardener Volunteer Training Conference. I had told Jim I would bring a few example plants to add to the ones he was bringing. What ended up happening for part of the program was an impromptu exchange between Jim and me as we shared our enthusiasm for the plants we had brought. It had not been planned that way at all, but it ended up being very well received. So if you think you can't do an entire gesneriad program by yourself, try working with another grower and you may be surprised at the magic that results from the teamwork.



Dear AGGS and The Frelinghuysen Arboretum Chapter,

I would like to thank you very much indeed for the very warm welcome at the AGGS Convention in Morristown, New Jersey in July 2002. It was undeniably a great honour to be invited to speak on "Gesneriads in the Malay Peninsula", and for this I am most appreciative.

The convention itself was highly motivating. All that gesneriad talk, the stunning flower show and plant sales, fun events and trips, interesting lectures and meeting AGGS members for the first time made it very stimulating and motivating for me. Also I was fascinated to see how AGGS worked, and it gave me a better insight of the professionalism and the scope of the work of AGGS.

The flower show, keenly contested amidst friendly rivalry, was marvelous and colourful. All exhibits were viewed with interest as most were "new" to me. Needless to say, my three cameras (two conventional and one digital) were kept busy for a long time. I had not seen so many well-grown gesneriads, hybrids and species, under one roof before.

The most unexpected "Award of Appreciation" given to me was overwhelmingly pleasing and accepted with humility. Again I would like to thank AGGS for this honour, and I will try hard to fulfill those expectations.

At the convention it was a great pleasure for me to put faces to names at last and to meet other members including those that I know only from personal correspondence. It was blissful just to have all that gesneriad talk with them. Every bit of the convention was not only delightful but also a highlight. Memorable events included the trip to Willowood Arboretum, trip to the Frelinghuysen Arboretum, sightseeing cruise, flower show and plant sales, live auction, and the Flamingo Fest for the diversity of things including people in all shades of pink! But best of all was being at the convention and the chance to meet AGGS members.

A special thank you to the Frelinghuysen Arboretum Chapter, especially to Maryjane Evans and Jeanne Katzenstein, who helped in many aspects to make my first trip to the USA for my first AGGS Convention a possibility. I am also grateful to AGGS member Michael Riley, my New York host, for taking time off to show me the sights of NYC and the mysteries of growing plants under lights. Thank you all.

I cannot finish this letter without a word of praise to the organising committee and the Frelinghuysen Arboretum Chapter who must have put in an inordinate amount of work and great effort (for example, the flamingo theme right from the start till the very end) to ensure Convention 2002 was a success. Let me assure them it was undeniably so.



Yours sincerely,

*Leong Tuck Lock
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Seed Fund

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Well, we made it through the post-convention seed order deluge and physical recovery. It has been a busy couple of months with several very large seed orders, in addition to the numerous small orders.

At the convention and through some email correspondence, several people asked for more information on collecting and cleaning seed. We'll share some of the things we've learned over the past few years with the Seed Fund.

The amount of time it takes for seed to mature varies from as little as 30 days (miniature Sinningias) to well over 6 months (Saintpaulias and Aeschynanthus). The best and sometimes only way to tell if they are ready to harvest is by observation. Generally, capsules and pods mature by drying to a brown parchment-like texture. It is at this point, before they split open or burst to release their seed, that they should be harvested and put into paper envelopes and tightly closed. Streptocarpus produce long thin capsules that split into twisted ribbons that fling off the seeds as they spiral open. Columneas and some Codonanthes produce soft berries, while Nematanthus produce fleshy fruits. The object with these is to wait long enough for them to ripen, but not so long that the seeds start to germinate in the fruit or berry.

The next step is cleaning the seed which gets rid of potential sources of mold and fungus. The remains of dried capsules or pods can be seen through a magnifying glass and distinguished from the smooth seeds by their jagged edges and should be removed along with fine hair-like bits. The contents of the berries and fruits can be smeared on bond paper and the seeds separated with a long needle or toothpick. Cleaning can be a long tedious process, but imagine how much longer and more tedious it becomes for us with the amount of seed we receive!

Cleaned seed should be stored in an airtight container in the refrigerator; we store them in glass vials inside plastic containers. Small amounts of seed can be folded into wrapping tissue paper like the seed packets in glassine envelopes we use to send seed. Save your glassine envelopes and re-use them, or we can send some extra tissue or glassine envelopes with your next seed order on request. Please don't use Scotch tape to seal loose seed in an envelope, as the seed inevitably gets all over and under the tape.

We hope this helps and encourages you to donate to the Seed Fund. If you have more specific questions, you can email or write to us at the above address or at the discussion forums on the AGGS website <www.aggs.org>.

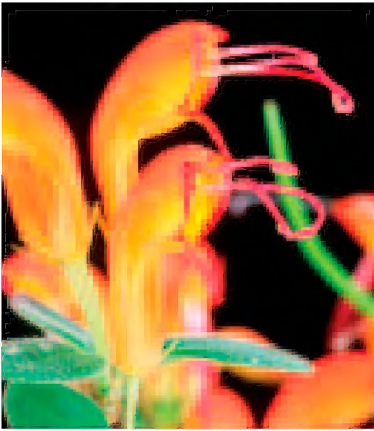
We would like to thank the most recent contributors to the Seed Fund for their generosity: Marlene Beam, Carol Ann Bonner, Ruth Coulson, Rose Ann Dare, Maryjane Evans, Robert Hall, R. David Harley, Thad Holcomb, Leong Tuck-Lock, Ingrid Lindskog, Ray Milewski, Carol Schreck, Lee Stradley, David and M. J. Tyler.

Aeschynanthus hildebrandii or *A. humilis*?



A. hildebrandii Hemsley (right) and *A. humilis* Hemsley (left) are two closely related small, twigggy species from Indo-China. Vegetatively the two look similar, but the flowers are distinctly different. *A. humilis* has been in cultivation for some time but grown under the name *A. hildebrandii*.

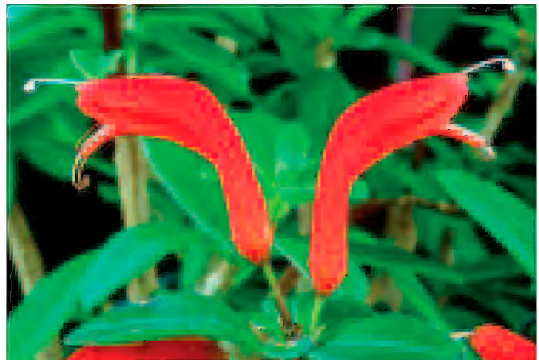
Mary Mendum, Royal Botanic Garden Edinburgh



(Photos by Debbie White, RBGE)

A. hildebrandii has a calyx divided almost to the base; the corolla is broad at the base and orange shading to scarlet in the upper half with the lobes margined crimson; the lower lobe is longer than the others and reflexed.

A. humilis has a calyx divided to about halfway; the corolla is narrow at the base and scarlet, the lobes are not dark-margined; the lower lobe is about the same length as the others and not reflexed.



Seed Packets — \$1.50 each

Please

- Make checks payable to the AGGS Seed Fund in U.S. funds
- To pay by credit card, send your credit card number, expiration date, and signature, and indicate if the card is Mastercard or Visa (\$6.00 minimum)
- Provide a self-addressed, stamped envelope (non-U.S. orders may include International Postal Coupons or have the postage added to their credit card bill)
- List alternate choices
- Include your membership number (first number on your mailing label)

Achimenes (D)

- admirabilis* (B)
- cetioana* (B)
- erecta* (B)
- erecta* 'Tiny Red' (F,L)
- grandiflora* 'Robert Dressler' (B)
- longiflora* (B)
- longiflora alba* (B)
- skinneri* W1897 (L)
- warszewicziana* USBRG88-039 (B)
- hybrid mix (B,L)

Aeschynanthus (B)

- buxifolius* 913296
- ellipticus* 'Coral Flame'
- fulgens* USBRG82-271
- garrettii*
- humilis* USBRG94-214
- hosseusii*
- longicalyx*
- longiflorus*
- micranthus*
- mimetes*
- parvifolius*
- parvifolius* 'Bali Beauty'
- pulcher*
- sp. (Vietnam) 921622
- sp. MSBG87-162
- sp. (yellow) (Philippines)
- hybrid, lg orange/red

Alloplectus

- bolivianus* USBRG95-140 (M)
- dodsonii* (yellow) GRF98184 (M)
- tetragonoides* GRF98153
- sp. aff. *schultzei* GRF97103
- sp. aff. *panamensis* GRF9781 (orange)
- sp. GRF9776 (yellow)
- sp. GRF9788 (pinkish/yellow above)
- sp. GRF97153 (peach/orange)
- sp. GRF97166
- sp. GRF98151 (yellow)
- sp. USBRG 98-030
- sp. nov. (*plicatissimus* ined.) (salmon calyx) GRF9521
- sp. nov. (*plicatissimus* ined.) (green calyx) GRF9556
- sp. nov. (*prunifer* ined.) GRF98174

Alsobia (B)

- dianthiflora*
- *punctata*
- punctata* USBRG77-103

Anodiscus

- xanthophyllus* (M)
- xanthophyllus* (Ecuador) GRF97109

Besleria

- barbata* USBRG98-052
- barclayi* USBRG95-164
- laxiflora* GRF9675 (M)
- melancholica* (MT)
- princeps* GRF9479 (LM)
- sp. GRF9558 (LM)
- sp. GRF9783 (orange w/yellow base)
- sp. GRF97108 (orange)
- sp. GRF97141 (orange)
- sp. GRF9853 (yellow)
- sp. GRF98139 (orange)

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- *pumila* (F,L)
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- *spadiciformis* USBRG94-087 (R)
- *subrhomboidea* (F,R)
- *tamiana* USBRG98-080 (F,R,P)
- *walkerae* (F,LM)
- sp. (Thailand)
- sp. 'New York' USBRG85-022 (R)
- *caliginosa* × *sericea* (LM)
- (sp. 'New York' × *flavimaculata*) × self (F,R)
- Malaysian hybrid mix

Chrysothemis (F,LM)

- friedrichsthaliana*
- friedrichsthaliana* GRF9764
- *pulchella* (Ecuador)

- villosa*
- hybrid mix
- Cobananthus**
- calochlamys* (F,LM)
- Codonanthe** (B)
- calcarata* 'Puyo'
- caribaea*
- carnosa*
- corniculata*
- crassifolia*
- crassifolia* GRF9858
- crassifolia* GRF9869
- crassifolia* 'Cranberry'
- digna*
- digna* 'Moonlight'
- erubescens*
- gracilis*
- paula*
- *serrulata* AC1313
- *venosa* GRF91175
- Columnnea** (B)
- arguta*
- crassifolia*
- erythrophaea*
- fendleri*
- gallicauda*
- glicensteinii*
- gloriosa*
- hirta*
- hirta* GRF9493
- hirta* var. *pilosissima*
- hispida*
- maculata*
- *microcalyx* GRF94110
- nicaraguensis* CR92F16
- nicaraguensis* GRF94105
- oerstediana* GRF9423
- oxyphylla*
- proctori* W3573
- raymondii* (LM)
- scandens* var. *tulae* (yellow)
- schiedeana*
- schiedeana* (red reverse)
- sulfurea* G3770
- tomentulosa*
- Conandron** (A,R)
- ramondiioides*/Awaji Island
- Corallodiscus** (A,R)
- sp. USBRG2000-19 (China)
- Corytoplectus**
- capitatus* (LM)
- capitatus* G291
- congestus* GRF93259 (L)
- cutucuensis* (L)
- cutucuensis* GRF9794
- riceanus* GRF9654 (M)
- Cyrtandra**
- cupulata* (G,H,MT)
- Dalbergaria** (M)
- asteroloma* GRF97169 (white)
- eburnea*
- medicinalis* GRF9507
- ornata* GRF2665
- *perpulchra*
- polyantha*
- sanguinea*
- sanguinea* 'Orange King' GRF9492
- sp. GRF93191
- sp. GRF97160
- sp. GRF9852
- Diastema** (D,F,P)
- racemiferum*
- vexans*
- Didissandra**
- *frutescens* (H,M)
- Drymonia**
- affinis* GRF98109
- allopsectoides* USBRG96-347 (B)
- coccinea* GRF9851 (B)
- coccinea* GRF9873
- coccinea* GRF98150
- *conchocalyx* (B)
- conchocalyx* 'Silver Lance' × self (M)
- doratostyla* GRF9674 (B)
- ecuadorensis* 'Red Elegance' (LM)
- hoppii* GRF98103
- macrophylla* (M)
- mortoniana* (L)
- pulchra* GRF9889 (L)
- pulchra* GRF98113
- rhodoloma* (B)
- serrulata* (B)
- serrulata* GRF9752
- strigosa* (B)
- strigosa* GRF1912
- urceolata* GRF93146 (LM)
- urceolata* GRF97124 (red)
- urceolata* GRF98154 (red w/yellow)
- sp. nov. (*umecta* ined.) (B)
- Episcia** (H,L,B,F)
- xantha*
- cupreata* hybrids mix
- hybrid mix
- Epithema**
- *saxatile* (F,L)
- Eucodonia** (D,F,P)
- *andrieuxii*
- *verticillata*
- verticillata* 'Ehrenberg'
- hybrid mix
- Gasteranthus** (H)
- crispus* USBRG98-033
- giganteus*
- lateralis*
- *villosus*
- wendlandianus* GRF97154 (LM)
- wendlandianus* GRF97163
- wendlandianus* GRF98166
- (w/red spots)
- Gesneria** (H,F,L)
- christii*
- cuneifolia*
- cuneifolia* WEK96151
- cuneifolia* WEK96152

cuneifolia WEK96155
cuneifolia WEK96157
cuneifolia WEK96158
cuneifolia 'Esperanza'
cuneifolia 'Quebradillas'
cuneifolia 'Tom Talpey'
pedunculosa USBRG97-102 (S,T)
pedunculosa WEK96153 (S,T)
pumila
reticulata

- *reticulata* WEK96164
- *reticulata* 'El Yunque'
- *ventricosa* (M)
- *viridiflora* ssp. *sintenisi*
WEK96162 (T)
'Flashdance'

Gloxinia (D)
gymnostoma (LM)
lindeniana (F,L)
nematanthodes (F,L)
perennis (LM)
perennis 'Insignis' (L)
racemosa (L)
sylvatica (F,L)
sylvatica GRF9943 (Brazil)
sylvatica USBRG96-002 (Bolivia)
Haberlea (A,R)
ferdinandi-coburgii
rhodopensis
Hemiboea (D)
subcapitata (L)
Heppiella (D)
ulmifolia GRF95141 (L)
ulmifolia GRF98172
Koellikeria (D,F,P)

- *erinoides*
- *erinoides* 'Red Satin'

Kohleria (D)
allenii USBRG98-109 (M)
hirsuta (LM)
hirsuta USBRG96-163 (F,L)
hondensis (LM)
rugata USBRG95-010 (LM)
spicata (M)
hybrid mix
Lysionotus (LM)
pauciflorus var. *pauciflorus*
species
Monophyllaea (H,LM)
horsfieldii
Monopyle
macrocarpa GRF98117 (F,LM)
macrocarpa GRF94123
Moussonia
deppeana (M)

- *elegans* (M)
- *elegans* GRF9407
- *septentrionalis* G1201 (F,L)

Napeanthus (H)
costaricensis (F,P)
jelskii USBRG94-511 (F,P)
robustus GRF9765 (L)

Nautilocalyx
adenosiphon (B,L)
colonensis (LM)
melittifolius (F,LM)
Nematanthus
australis (B)
corticola (B)
fissus (L)
fissus GRF9938
fornix (B)
fritschii (B)

- *jolyanus* (Sao Paulo) (B)
cf. *lanceolatus* AC2010
maculatus (B)
serpens (B)
strigillosus AC1434 (B)
- *strigillosus* 'Ibitipoca' (B)
tessmannii GRF9904 (red calyx) (B)
tessmannii GRF9912 (red calyx)
wettsteinii (B)
sp. 'Santa Teresa' (B)
sp. MP50

Neomortonia (B)
nummularia
Opithandra (A,R)
primuloides
Ornithoboea
wildeana (LM)
Paliavana (S,T)
prasinata
prasinata GRF732
prasinata GRF91126

- *prasinata* × *S. macropoda* MP944
- *prasinata* × *S. reitzii* MP949
- *plumerioides* (Cabral)
sericiflora AC2311
tenuiflora
werdermannii AC2310

Paradrymonia
ciliosa (L)
decurrens (L)

- *lurida* (L)

Parakohleria
sp. GRF9780 (yellow)
sp. GRF88105 (red) (L)
sp. GRF98144 (rose pink)
Pentadenia
angustata (B)
byrsina (B,L)
crassicaulis (B)
manabiana (B)
microsepala GRF1837 (B)
orientandina (LM)
rileyi GRF86243 (LM)
spathulata GRF9503 (LM)
strigosa GRF95154 (B)
strigosa GRF9777
zapotalana (B)
Phinaea (D,F,P)
albolineata
divaricata

- multiflora*
multiflora 'Tracery'
- Ramonda** (A,R)
myconi —
white
lavender
pink
clone G
myconi (upright rosette)
- Rhynchoglossum** (H,L)
gardneri
obliquum
- Rhytidophyllum** (G,H,S,T)
auriculatum
tomentosum
villosulum
- Saintpaulia** (F,R)
 - diplotricha*
ionantha
shumensis
- Sinningia** (D)
aggregata (M)
aggregata AC1461
aggregata 'Pendulina' (B,L)
aff. *aggregata* (yellow) (M)
agghensis (T)
agghensis AC2356 (T)
allagophylla (MT)
allagophylla GRF9922
allagophylla GRF9929
allagophylla GRF9968
allagophylla (yellow)
 - amambayensis* (L)
 - araneosa* (F,L)
brasiliensis (M)
brasiliensis 'Verde'
brasiliensis AC1314
bulbosa (T)
calcaria MP891 (F,L)
 - canescens* (F,L)
carangolensis (M)
cardinalis (F,LM)
cardinalis (compact) (F,L)
cardinalis (dark calyx) (LM)
cardinalis 'Innocent'
conspicua (F,L)
conspicua GRF9942 (fragrant selection)
cooperi (LM)
cooperi AC1522
curtiflora (T)
curtiflora GRF9927
douglasii GRF91188 (LM)
douglasii GRF9936 (LM)
douglasii (pink form) (M)
elator AC1409 (M)
elator GRF9963
eumorpha/Saltao (L)
eumorpha (lavender) (F,L)
eumorpha (pink)
eumorpha (white)
gigantifolia (LM)
glazioviana (L)
 - harleyi* MP482 (F,L)
hatschbachii (L)
iarae (F,L)
 - incarnata* (S,MT)
insularis (LM)
leopoldii (F,L)
leucotricha (F,L)
leucotricha 'English' (F,L)
leucotricha (larger flower) (F,L)
lindleyi AC1501 (L)
lineata (LM)
lineata (highly spotted)
macropoda (M)
macropoda (dwarf form) (L)
macrorrhiza (T)
macrostachya (LM)
macrostachya MP262
magnifica GRF91121 (pink) (LM)
magnifica MP627 (pink)
magnifica GRF91134 (red)
mauroana (LM)
mauroana GRF9964
micans MP892 (LM)
nivalis AC1460 (L)
nivalis GRF9923
piresiana (L)
 - pusilla* (F,P)
reitzii (M)
reitzii GRF9914 (magenta)
rupicola AC1511 (F,L)
sceptrum (T)
sceptrum AC2406 (T)
 - schiffneri* GRF91163 (red reverse)
sellovii (MT)
sellovii GRF9919
sellovii 'Bolivia' USBRG96-003
sellovii 'Purple Rain'
speciosa 'Cabo Frio' MP178 (F,L)
speciosa 'Lavender Queen'
speciosa 'Regina'
speciosa AC1652
 - speciosa* (Chiltern Seed Co)
speciosa AC1503
sulcata (LM)
tubiflora (S,MT)
warmingii (T)
warmingii GRF9921
sp. aff. *warmingii* from
Ilhabela MP631
 - sp. 'Esmeril' (L)
 - sp. 'Lanata' MP622 (L)
 - sp. 'Waechter' (LM)
cardinalis 'Innocent' × *iarae* (LM)
glazioviana × *leopoldii* F2 (LM)
speciosa AC1503 × *speciosa*
'Regina' (R)
 - hybrid red peloric
eumorpha hybrids mix (F,R)
"Hummingbird Mix"
'Anne Crowley' (F,L)
'Apricot Bouquet' × self (LM)
('Apricot Bouquet' × self) × self (LM)

- ('Apricot Bouquet' × self) ×
 S. conspicua (F, L)
- ('Apricot Bouquet' × self) ×
 (*S. conspicua* × *S. eumorpha*) (F, L)
- ('Apricot Bouquet' × self) ×
 S. sp. 'Regina' (F, L)
- ('Apricot Bouquet' × self) ×
 S. 'California Minis' (red) (F, LM)
- 'Beauty' × self (F,P)
- 'Bewitched' × self (F,L)
- 'Cheryl M.' × self (F,P)
- 'Delta Fox' × self (F,P)
- 'Diego' (red) (F,L)
- 'Diego' (pink)
- 'Dollbaby' (F,P)
- 'Good Pink' × self (F,L)
- 'Jubilee' × self (F,L)
- 'Krezdorn Yellow' × self (L)
- 'Leo B.' × self (F,P)
- 'Little Imp' (F,P)
- 'Maiden's Blush' × self (F,P)
- 'Mother of Pearl' × self (F,P)
- 'Mothers Day' × self (F,L)
- 'Pale Beauty' × self (L)
- 'Pink Ice' (F,P)
- 'Premier Pink' × self (F,P)
- 'Pure Pink' × self (F,P)
- 'Purple Crest' × self (F,P)
- 'Ruby Red' × self (F,P)
- 'Scarlet Sunset' (F,P)
- 'Silhouette' × self (F,P)
- 'Star Eyes' (F,P)
- 'Super Red' × self (F,P)
- 'Tampa Bay Beauty' × self (L)
- 'Virgil' × self (LM)
- 'Whimsey' × self (F,P)
- 'Angora Love' × 'Margaret' (L)
- hybrid miniature mix (F,P)
- pink hybrid miniature mix (F,P)
- Sinningia speciosa* hybrids (F,R)**
 - blue mix
 - mini dark pink
 - lavender
 - lavender/purple
 - pink
 - purple
 - red
 - rose
 - white
 - orchid/purple mix
 - pink mix
 - pink/white mix
 - purple
 - purple w/spots
 - red mix
 - red w/spots
 - white w/red spots
 - 'California Minis'
 - Charles Lawn hybrid mix
 - Early Giant mix
 - hybrid mix
 - blue slipper

- lavender slipper
- pink slipper
- red slipper
- purple slipper
- mixed slipper
- pink dwarf
- Small's dwarf mix
- Smithiantha* (D)**
 - aurantiaca* (F,L)
 - canarina* GRF9105 (F,LM)
 - laui* GRF9117 (F,L)
 - multiflora* (F,LM)
 - *multiflora* GRF9121 (F,LM)
 - *multiflora* GRF9122 (F,LM)
 - *zebrina* GRF9104 (M)
 - 'Little One' (F,L)
- Streptocarpus***
 - baudertii* (F,R)
 - buchananii* (B)
 - caeruleus* (R)
 - candidus* (F,R)
 - candidus*/Ngome, Natal
 - caulescens* (F,LM)
 - *compressus* (U)
 - confusus* (U)
 - confusus* ssp. *confusus* (U)
 - cooksonii* (dark purple)
 - cooperi* (U)
 - cyanandrus* (F,P)
 - *cyaneus* ssp. *long-tomii* (R)
 - cyaneus* (blue) (R)
 - cyaneus* (blue/long corolla)
 - cyaneus* (blue/short corolla)
 - cyaneus* (lilac)
 - daviesii* (F,U)
 - denticulatus* (U)
 - *dunnii* (U)
 - eylesii* (U)
 - fanniniae* (R)
 - fasciatus* (R)
 - *fenestra-dei* (R)
 - floribundus* (R)
 - formosus* (R)
 - formosus*/E. Cape, Transkei
 - gardenii* (F,L)
 - *gardenii*/Weza, S. Natal
 - *glandulosissimus* (B)
 - goetzei* (U)
 - grandis* (U)
 - grandis* (blue form)
 - haygarthii* (F,U)
 - haygarthii*/Mkambati, Transkei
 - holstii* (B,L)
 - johannis* (F,R)
 - johannis*/Komga, E. Cape
 - sp. aff. *johannis* (F,R)
 - *kentaniensis* MBG2335-60 (R)
 - *kentaniensis* (N. Kei River)
 - *kentaniensis* (S. Kei River)
 - kirkii* (F,L)
 - meyeri* (F,R)
 - *meyeri*/SE Transvaal (R)

- meyeri*/NE Cape Province
modestus (R)
- *modestus*/Magwa Falls, Transkei (R)
 - molweniensis* (U)
 - muscosus* (L)
 - nobilis* (M)
 - pallidiflorus* (F,LM)
 - parviflorus* (R)
 - parviflorus* (mauve)
 - *parviflorus* (white) (R)
 - parviflorus* (white/mauve)
 - pentherianus* (F,L)
 - pole-evansii* (R)
 - polyanthus* (F,L)
 - polyanthus* subsp. *comptonii*
 - polyanthus* subsp. *polyanthus*
 - polyanthus* subsp. *polyanthus*/lg fl
 - polyanthus* subsp. *polyanthus*/Valley of 1000 Hills, Natal
 - polyanthus* subsp. *verecundus*
 - porphyrostachys* (U)
 - primulifolius* (F,R)
 - primulifolius* (dark blue)
 - Port St. John, Transkei
 - primulifolius* /Bullolo Rvr, Transkei
 - primulifolius* /Valley of 1000 Hills
 - prolixus* (F,U)
 - pumilus* (F,P)
 - rexii* (F,L,R)
 - *rexii* (blue) Transkei
 - rexii* (white)
 - rexii* (pale blue/long corolla)
 - rexii* (white/blue mix)
 - rimicola* (F,P)
 - roseoalbus* (F,R)
 - saundersii* (U)
 - saxorum* (B)
 - silvaticus* (R)
 - stomandrus* (F,L)
 - thompsonii* (B,L)
 - thysanotus* (B,L)
 - trabeculatus* (U)
 - vandeleurii* (U)
 - variabilis* (F,R)
 - wendlandii* (U)
 - wilmsii* (U)
 - *wilmsii*/Graskop
 - wilmsii*/Long Tom Pass
 - 'Bethan' × self (R)
 - 'Bristol's Popsicle' × self (R)
 - 'Cape Beauties' × self (F,P)
 - 'Canterbury Surprise' × self (F,R)
 - 'Demeter' × self (R)
 - 'Falling Stars' × self (R)
 - 'Georgette' × self (R)
 - 'Gloria' × self (R)
 - 'Ice Castle' × self (R)
 - 'Kitten Face' × self (R)
 - 'Mini Pink Fu' × self (R)
 - 'Party Doll' × self (R)
 - 'Pegasus' × self (R)
 - 'Royal' (red) (R)
 - 'Royal' (white/pink stripes) (R)
 - 'Sandra' × self (R)
 - 'Spooky' × self (R)
 - 'Suzie' × self (R)
 - 'Thalia' × self (R)
 - 'Ulysses' × self (R)
 - New Zealand hybrid mix (F,R)
 - rexii* hybrids (F,R)
 - Wiesmoor hybrids (F,R)
 - hybrid mix (F,R)
 - hybrid, lt blue/dk blue lines (R)
 - hybrid, lg burgundy (R)
 - hybrid, lg purple (R)
 - hybrid, lg white (R)
 - *streptocarpella* hybrids (B)
- Titanotrichum***
oldhamii (propagules)
- Trichantha***
ambigua (B)
- ambigua* 'El Yunque' WEK96163
- brenneri* (LM)
- citrina* (B)
- dodsonii* (LM)
- kucyniakii* GRF93166 (MT)
- minutiflora* GRF9552 (LM)
- purpureovittata* (B,L)

Vanhouttea (S,T)
calcarata GRF3026
- lanata*
- *lanata* AC2405
- *pendula*/Caparaõ
- *brueggeri* (S,T)

Mixed alpine gesneriads
Mixed gesneriads

 - denotes LIMITED quantities

(A)	Alpine or cool greenhouse.	(LM)	Low to medium height.
(B)	Suitable for hanging basket.	(M)	Medium height; 1 to 2 feet.
(D)	Has dormant period, forming tubers or rhizomes.	(MT)	Medium to tall.
(F)	Blooms readily in fluorescent light.	(P)	Petite or miniature; not more than 6 inches tall.
(G)	Recommended for greenhouses; requires space.	(R)	Rosette in form.
(H)	Requires humidity and warmth.	(S)	Requires sun to bloom.
(L)	Low growing; not more than 12".	(T)	Tall plants; generally over 3 feet.
		(U)	Unifoliate or single leaf.

From *Aeschynanthus* to *Titanotrichum* — Gesneriaceae Research at the Royal Botanic Garden Edinburgh

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The family Gesneriaceae has been of research interest at the Royal Botanic Garden Edinburgh (RBGE) for over 50 years, ever since B.L.Burt joined the staff in 1951, and published the first of his series of papers "Studies in the Gesneriaceae of the Old World" in 1954. In September this year RBGE hosted a Gesneriaceae workshop, preparatory to the International Botanical Congress to be held in Vienna in 2005.

The plants are mostly herbs and subshrubs, found in both the Old and New Worlds. They are mainly tropical but a few species are found in the mountains of Europe and Asia. The family is of great biogeographical interest; of the three subfamilies one (Gesnerioideae) is found in the New World, one (Cyrtandroideae) in the Old World but with one species in S. America, and the third (Coronantheroideae) occurs in E. Australasia and Chile. Most of the tropical species are plants of primary forests and so are under threat from human activity; they are good markers for the health of the forests.

The Gesneriaceae group at RBGE is studying subfamily Cyrtandroideae, which currently encompasses around 80 genera and over 1900 species. Our aim is to classify the species, describe new ones, contribute to Floras and write identification keys; to investigate the diversity of floral and vegetative form and structure, and the genetic mechanisms underlying this variability in an evolutionary context; to look at molecular phylogeny (the study of evolutionary histories and relationships using information from plant DNA), cytology, and distribution patterns; and to combine all these strands of information to build up a picture of the family in the Old World. Essential to these studies is our splendid living research collection.

We are working on the genus *Cyrtandra*, containing over 600 species and distributed throughout SE Asia and across the Pacific as far as Hawaii. One of the most important aspects of the work on this genus is the basic taxonomy, describing and classifying the species. The genus is so large that this is difficult to tackle, and no-one has attempted the task since 1883, when the number of known species was much smaller. Dividing the genus, however, is made easier because most species are endemic to a small area or even a single mountain, and so the genus is a perfect tool for considering biogeographical problems, using taxonomy combined with molecular phylogeny. Four people at RBGE are working on the Asian *Cyrtandra*, while work on the Pacific species is carried out at the University of Vienna (Austria) and Boise State University (USA). Hannah Atkins has investigated the *Cyrtandra* of Palawan in relation to other Philippine and some Bornean species. She is currently studying the origins and evolution of the *Cyrtandra* flora of Sulawesi in relation to surrounding islands. PhD student Gemma Bramley is investigating the *Cyrtandra* flora of Sumatra and Peninsular Malaysia, while B.L.Burt and Olive Hilliard are attempting to classify the



Hannah Atkins collecting a *Cyrtandra* in Sulawesi
(photo by Mary Mendum, RBGE)

Bornean species, Borneo being the centre of diversity of the genus. Thus we shall be able to make comparisons between the species east and west of that famous biogeographical boundary, Wallace's line. Alfred Russel Wallace travelled through the islands of SE Asia between 1854 and 1862, and drew his line between Lombok and Sulawesi to the east and Bali and Borneo to the west, based on observations of distribution patterns of birds. Biogeographers now recognise an area known as Wallacea, comprised of the islands between Borneo and New Guinea, and where Australasian and Asian floras and faunas mix. Studies in the Gesneriaceae contribute to an understanding of the biology of this fascinating area.

Another widespread, species-rich genus is *Aeschynanthus*, well known to horticulturists. Mary Mendum is revising the genus, which ranges from the Himalayas, Indo-China and S. China, and throughout SE Asia as far as the Solomon Islands. There are about 160 species but again most of them have restricted distributions. In New Guinea, for instance, there are about 55 species but only one is known from elsewhere. Seed structure is important in classification, and studies of seed morphology show two biogeographically distinct groups that fit well with molecular results obtained by PhD student Jessada Denduangboripant. The combined results indicate that the genus may well have originated in what is now S. China. Current work includes describing new species from Sulawesi. With Frieda Christie, our electron microscopist, we are observing and comparing seed appendage development in *Aeschynanthus* and the other genera where this occurs, namely *Agalmyla*, *Lysionotus* and *Loxostigma*.

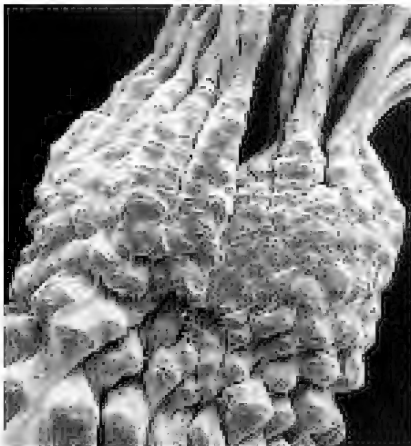
The beautiful Malesian rainforest genus *Agalmyla* has recently been revised by Olive Hilliard. There are now 98 species known, 63 of them newly described. We have 11 species in cultivation and two more that have not yet flowered. Olive has recently completed a revision of *Chirita* section *Liebigia*, from Sumatra and Java. This section includes *C. asperifolia* (previously known as *C. blumei*), well-known to gesneriad enthusiasts.

The African genera *Saintpaulia* and *Streptocarpus* have been of long-standing interest at RBGE. Olive Hilliard and B.L.Burt revised *Streptocarpus* in 1971. Michael Möller and Quentin Cronk have investigated the molecular phylogeny of both genera, and recently Mark Hughes has begun to look at variation within species of *Streptocarpus* at the population level, to study speciation status. The very diverse plant structure of *Streptocarpus* includes the unifoliate species with a single, hugely enlarged cotyledon acting as a leaf, other species with a rosette-like leaf arrangement and yet other species that have stems. Research revealed an underlying morphological lability and a repeated evolution of diverse growth forms in the genus. Our current research indicates that all African Gesneriaceae (except for *Epithema tenue*, in the Didymocarpeae) have evolved from a *Streptocarpus* ancestor with twisted fruits.

Most species in the family Gesneriaceae have asymmetric flowers, probably in response to pollinator adaptations. Only a few have regular flowers. Jill Harrison, Quentin Cronk and Michael Möller have used *Streptocarpus* to study the *cycloidea* gene, involved in the expression of floral symmetry. They found that the gene is still active in those species that possess symmetric flowers, and the return to symmetry has arisen independently on several occasions.

PhD student Chun-Neng Wang has been investigating *Titanotrichum oldhamii*, endemic to S. China, Taiwan and Japan. It has the ability, unique in the Gesneriaceae, of producing bulbils on the inflorescence. There has been doubt as to whether it is a member of the Gesneriaceae or Scrophulariaceae (foxglove family) but Chun-Neng's work confirmed that it is a gesneriad, grouping with subfamilies Gesnerioideae and Coronantheroideae, a very intriguing finding given its geographical position.

Kwiton Jong and Michael Möller are investigating the cytology of the family, and for this the living collection at RBGE is pivotal, as chromosomes can best be studied in roots or buds taken from actively growing plants. *Aeschynanthus* and *Streptocarpus* are currently the most intensively studied and our karyotype research has given interesting insight into the chromosome evolution of the genera.



Aeschynanthus albidus developing seed 70 days post pollination (SEM image by Frieda Cristie, RBGE)



Raphiocarpus petelotii prometaphase (cytological image by Michael Möller, RBGE)



Epithema sp. growing on a wet bank in Sulawesi
(photo by Mary Mendum, RBGE)



Cyrtandra cleopatrae, a newly described species from Palawan, Phillipines
(photo by Debbie White, RBGE)



Aeschynanthus sp. recently collected in Sulawesi
(photo by Debbie White, RBGE)



Streptocarpus ibityensis from Madagascar
(photo by Michael Möller, RBGE)

We collaborate with other institutions, particularly the University of Vienna. Together we are using molecular data to examine the evolutionary relationships between subfamilies Cyrtandroideae, Gesnerioideae and Coronantheroideae, and also the Epithemateae within subfamily Cyrtandroideae. We also work with botanists in China, Thailand and South Africa. The latter are involved in *Streptocarpus* population genetics studies and pollination studies.

Fieldwork, involving the collection of herbarium specimens, leaf samples for DNA extraction, and living material is an integral part of Gesneriaceae research at RBGE. B.L.Burt and Olive Hilliard have worked extensively in Southern Africa, and more recently Michael Möller has collected in Madagascar and South Africa, with interesting results for *Streptocarpus* research. Michael has also worked in China, another important research area. Paddy Woods (now retired) collected in Papua New Guinea, and he and B.L.Burt collected in Sarawak and Peninsular Malaysia. In the past 10 years Mary Mendum, Quentin Cronk, Hannah Atkins, Gemma Bramley and Steve Scott have variously collected in the Philippines, Irian Jaya, Borneo, Sumatra, Peninsular Malaysia and Sulawesi. Because of the position of Sulawesi, just to the east of Wallace's Line, it is important to understand the relationships of the plants of that island to those of Borneo, the Philippines and New Guinea. Fieldwork here is proving most rewarding, with many new species being discovered and we hope to go again in the near future. Work of this nature involves collaboration with botanical institutions in the countries concerned, and we are always most grateful to the people involved. In particular the help of the local people is invaluable; we could not manage without them. Other staff members at RBGE also help by collecting Gesneriaceae for us when they are working overseas.

The living research collection is currently maintained by Steve Scott. It has been built up since the 1950s, as a result of extensive fieldwork and gifts of plant material from other institutions. During expeditions, cuttings are



Steve Scott in the gesneriad research greenhouse at RBGE
(photo by Jeanne Katzenstein)

wrapped in moss, labelled with collection data and given careful attention to ensure survival. Seed is also collected whenever possible. On arrival in Edinburgh they are taken to our quarantine house for three months, and thence to the main collection. During fieldwork, plants are frequently found when not in flower, so living material is very important. Many species are in cultivation nowhere else, and on more than one occasion a cutting has proved to be of a previously unknown species. The collection is invaluable, providing fresh material for molecular, taxonomic, cytological and developmental studies, for both staff and students. It also contains some very odd as well as very beautiful plants, some of which are put on public display.



Raphiocarpus annanensis (above) and *Raphiocarpus petelotii* (below) in the public display greenhouse at RBGE (photos by Maryjane Evans)





Streptocarpus lokohensis, a unifoliate species from Madagascar
(photos by Debbie White, RBGE)



Henckelia corrugata, newly described from Palawan
(photo by Debbie White, RBGE)



Titanotrichum oldhamii, from Taiwan
(photo by Debbie White, RBGE)



Loxostigma sp.
(photo by Debbie White, RBGE)

47th ANNUAL AGGS CONVENTION — 2003

Tuesday, July 1st, to Sunday, July 6th, 2003

Convention Registration Form

Mail to Convention Registrar: **Terri Lynn Campbell**

4001 Barrett Ave., Richmond CA 94805

or Register online at **www.aggs.org**

Please print:

Name(s) _____

Name(s) to be printed on badge(s) _____

Address _____ City _____

State/Prov _____ Country _____ Zip/Post Code _____

Phone (____) _____ E-mail _____

AGGS Membership # (top line of current mailing label) _____

Category: ☐ Individual ☐ Family ☐ Sustaining ☐ Research ☐ Life

☐ AGGS Chapter Affiliation _____

☐ AGGS Chapter President _____

☐ AGGS Officer/Director (specify) _____

☐ AGGS Chairperson/Staff (specify) _____

☐ Convention Chairperson (specify) _____

☐ Commercial Affiliation (nursery/greenhouse name) _____

☐ Attending my first AGGS Convention

☐ Arriving on or before July 1? Date of arrival _____

☐ Might have entries in Flower Show (data helpful for pre-entries process)

☐ Special diet needs. Please indicate _____

All registrations must be postmarked by June 1, 2003. After that date registrations will be accepted on a space-available basis and will be charged a late fee of \$25. Registrations postmarked by April 30, 2003, will entitle registrant to early admission to the plant sale on Thursday, July 3, 2003. Registration fee includes registration packet and lectures except the Judges Training School for which there is a separate registration.

*Please make checks or money orders payable, in US\$, on a US bank to: **AGGS***

Or, charge my ☐ VISA, or ☐ MasterCard the total amount of \$ _____

Card # _____ Exp Date _____ Signature _____

Event	No.	Cost \$US	Total
Individual Registration (includes packet)	_____ @	\$30.00 = \$	_____
Guest or Family: spouse/children (incl. packet) . _____		\$15.00 = \$	_____
or			
Guest or Family: spouse/children (badge only) . . _____		\$5.00 = \$	_____
Wednesday, July 2, Opening Breakfast	_____ @	\$16.50 = \$	_____
Thursday, July 3, Tour to Copia Food and Wine Center, Lunch, and Morningsun Herb Farm	_____ @	\$43.00 = \$	_____
_____ Pesto chicken salad sandwich			
_____ Grilled vegetable sandwich			
_____ Roast beef & blue cheese sandwich			
Friday, July 4, Continental Breakfast	_____ @	\$12.50 = \$	_____
Friday, July 4, Membership Luncheon	_____ @	\$20.00 = \$	_____
Friday, July 4, Flower Show Awards Banquet . . . _____	_____ @	\$34.00 = \$	_____
_____ Grilled chicken & scampi			
_____ Roast prime rib of beef			
Saturday, July 5, Breakfast	_____ @	\$14.00 = \$	_____
Saturday, July 5, Luncheon	_____ @	\$23.00 = \$	_____
_____ Milano chicken			
_____ Herbed baked salmon			
Saturday, July 5, Yolo Short Line Train Excursion and BBQ Buffet	_____ @	\$50.00 = \$	_____
Late Charge (if postmarked after June 1, 2003) . _____	_____ @	\$25.00 = \$	_____
Total Amount Enclosed			\$ _____

Be sure to register by April 30 for early admittance to plant sales!

Will you volunteer a few hours of your time to help with staffing during convention?

Host at Registration Table: _____ (day) _____ (time/s)

Assist at Plant Sales: _____ (day) _____ (time/s)

Host at Flower Show: _____ (day) _____ (time/s)

Distribute Table Favors
and Take Meal Tickets: _____ (day) _____ (time/s)

Convention Chairpersons

<i>AGGS Convention</i>	Helen Freidberg (781-891-9164) 11 Arrowhead Road, Weston, MA 02493 <HelenDF@aol.com>
<i>AGGS Awards</i>	Colleen Turley
<i>AGGS Endowment Fund Auction</i>	Paul Susi
<i>AGGS Shows & Judging</i>	Ben Paternoster
<i>Local Convention</i>	Barbara Elkin (530-878-0505) 2855 Gayle Lane, Auburn, CA 95602-9674 <bjabar@earthlink.net>
<i>Local Convention Vice Chair</i>	Byron Borck
<i>Artwork & Pamphlet</i>	Jann Selleck
<i>Convention Packet</i>	June Fallaw & Jackie Kenny
<i>Hospitality & Volunteers</i>	Brigitte McKnight
<i>Plant Sales</i>	Alan LaVergne & John Rizzi
<i>Publicity</i>	Lynn Lombard
<i>Registration</i>	Terri Lynn Campbell & Harriette Poss 4001 Barrett Ave., Richmond, CA 94805-1825 <TerriGemma@aol.com>
<i>Speakers</i>	Jon Dixon
<i>Special Events/Transportation</i>	Oscar Faoro
<i>Table Favors</i>	Doreen Hovermale
<i>Treasurer</i>	Leona Faoro
<i>Flower Show</i>	Jeani Hatfield (916-645-3487) 1571 Wise Road, Lincoln, CA 94648 <ghatfie@pacbell.net>
<i>Flower Show Vice Chair</i>	Patsy Boddy
<i>Artistic & Show Schedule</i>	Barbara Elkin & Mae Mendes
<i>Artistic Reservations</i>	Mae Mendes
<i>Classification & Plant Inspection</i>	John Boggan & David Turley
<i>Educational & Commercial</i>	Karen Willoughby
<i>Entries</i>	Carolyn Conlin-Lane
<i>Judges & Clerks</i>	Arleen Dewell
<i>Placement</i>	Ken & Vera Parker
<i>Plant Maintenance</i>	Doris Weaver
<i>Staging</i>	Carol Mark

2003 AGGS Convention Program

"Gesneriads, a Capital Affair"

Tuesday, July 1

- | | |
|-----------------------|--|
| 1:00 p.m. - 6:00 p.m. | AGGS Board of Directors Meeting |
| 5:00 p.m. - 7:30 p.m. | Convention Registration (Flower Show pre-entry forms accepted) |

Wednesday, July 2

- | | |
|-------------------------|---|
| 7:30 a.m. - 8:00 a.m. | Convention Registration and Information (Flower Show pre-entry forms accepted) |
| 8:00 a.m. - 9:00 a.m. | Convention Opening Breakfast: Opening Remarks, Local Convention Committee; Helen Freidberg, AGGS Convention Chair; Susan Grose, AGGS President |
| 9:00 a.m. - 11:30 a.m. | Judges Training (pre-registration and AGGS membership required)
Session 1 – Novice
Session 1 – Intermediate and Advanced
Judges Workshop |
| 11:45 a.m. - 12:45 p.m. | Chapter Presidents Meeting with AGGS President and C&A Chair (open to chapter/affiliate presidents or delegates) |
| 1:00 p.m. - 2:45 p.m. | Judges Training, Session 2, All Levels |
| 3:00 p.m. - 4:00 p.m. | Judges Interest Group Meeting |
| 3:00 p.m. - 6:00 p.m. | Convention Registration and Information (Flower Show pre-entry forms accepted) |
| 4:00 p.m. - 4:45 p.m. | Internet Communications/Gesneriphiles Meeting |
| 4:45 p.m. - 5:30 p.m. | Newsletter Editors Meeting |
| 5:30 p.m. - 6:15 p.m. | Future Conventions Meeting (all welcome) |
| 6:45 p.m. - 7:45 p.m. | Judges Test |
| 8:15 p.m. - 10:30 p.m. | Gesneriad Hybridizers Association Meeting (open to everyone) |

Thursday, July 3

- | | |
|-------------------------|---|
| 7:00 a.m. - 8:30 a.m. | Convention Registration and Information (final submission of Flower Show pre-entry forms) |
| 8:15 a.m. - 8:30 a.m. | Board busses for tour (depart at 8:30 a.m. promptly) |
| 8:30 a.m. - 3:30 p.m. | Tour to Copia, The American Center for Wine, Food and the Arts, including guided garden tour and box lunch at Copia American Market café, followed by visit to Morningsun Herb Farm |
| 4:30 p.m. - 7:00 p.m. | Frances Batcheller Endowment Fund Auction donations accepted |
| 5:00 p.m. - 6:00 p.m. | Convention Registration and Information |
| 5:00 p.m. - 8:00 p.m. | Flower Show Entries |
| 9:30 p.m. - 10:00 p.m. | Early Entry Plant Sales |
| 10:00 p.m. - 11:30 p.m. | Plant Sales |

Friday, July 4

6:00 a.m. - 6:15 a.m.	Flower Show late entries (with permission of Show Chair)
6:30 a.m. - 7:00 a.m.	Continental Breakfast for judges, clerks and show personnel who should include this meal with their registration
7:00 a.m. - 10:30 a.m.	Flower Show Judging
8:00 a.m. - 9:00 a.m.	Continental Breakfast
9:00 a.m. - 11:00 a.m.	Convention Registration and Information
9:00 a.m. - 11:45 p.m.	Plant, Seed, and Publication sales; Auction viewing
10:45 a.m. - 12:00 noon	Lecture #1: "Miniature Jewels of the Plant World" by Ron Parsons
12:15 p.m. - 2:00 p.m.	Annual Membership Meeting and Luncheon, President Susan Grose presiding; Awards of Appreciation; Election of Directors
2:15 p.m. - 3:30 p.m.	Lecture #2: "Home Grown Gesneriads" by Bill Price
3:30 p.m. - 5:30 p.m.	Flower Show and Plant Sales open; Auction viewing
4:00 p.m. - 5:30 p.m.	AGGS Board of Directors Meeting
6:30 p.m. - 7:30 p.m.	Cocktail Hour
7:30 p.m. - 10:30 p.m.	Flower Show Awards Banquet (Awards Chair: Colleen Turley); Frances Batcheller Endowment Fund Live Auction (Chair: Paul Susi)
10:30 p.m. - 11:30 p.m.	Flower Show and Plant Sales open

Saturday, July 5

6:00 a.m. - 7:00 a.m.	Flower Show open to photographers only
7:00 a.m. - 8:00 a.m.	Flower Show Judges Critique (for judges and clerks who participated in the 2003 Flower Show)
8:00 a.m. - 9:00 a.m.	Breakfast honoring Host Chapter, AGGS Chapters and Members-at-Large
9:00 a.m. - 10:00 a.m.	Convention Registration and Information
9:00 a.m. - 11:30 a.m.	Auction Viewing
9:00 a.m. - 12:00 noon	Flower Show and Plant Sales Open
9:30 a.m. - 10:45 a.m.	Lecture #3: "My Forty Years of Gesneriad Growing" by Mike Kartuz
11:30 a.m.	Silent Auction Closes
12:15 p.m. - 2:00 p.m.	Luncheon honoring AGGS Commercial Growers; Frances Batcheller Endowment Fund live plant auction and silent auction wrap-up
2:00 p.m. - 3:00 p.m.	Flower Show and Plant Sales open
3:00 p.m. - 4:00 p.m.	Flower Show and Plant Sales breakdown
4:45 p.m. - 5:00 p.m.	Board busses for tour (depart promptly at 5:00 p.m.)
5:00 p.m. - 10:00 p.m.	Yolo Short Line Steam Train excursion and BBQ buffet

Sunday, July 6

9:00 a.m. - 12:00 noon	AGGS Board of Directors Meeting
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AGGS Convention Show Schedule

"Gesneriads, a Capital Affair"

July 4 and 5, 2003

Entries will be accepted on Thursday, July 3, from 5:00 p.m. to 8:00 p.m. Late entries may be received on Friday morning, from 6:00 a.m. to 6:15 a.m. only by prior arrangement and with the written permission of the Flower Show Chairperson.

Division I — HORTICULTURE

Saintpaulia permitted only in Classes 24, 25, 26, 27, 28, 40, 44, 46, and 47

SECTION A — New World Gesneriads in Flower — Tuberous

- Class 1 *Sinningia speciosa* species or hybrids (upright or pendent flowers)
- Class 2 Other *Sinningia* species with rosette growth pattern
- Class 3 Other *Sinningia* species with upright growth pattern
- Class 4 Other *Sinningia* hybrids with rosette growth pattern
- Class 5 Other *Sinningia* hybrids with upright growth pattern
- Class 6 Other *Sinningia* species or hybrids (largest leaf less than 1" long)
- Class 7 Other tuberous gesneriads

SECTION B — New World Gesneriads in Flower — Rhizomatous

- Class 8 *Achimenes*
- Class 9 *Gloxinia*
- Class 10 *Kohleria*
- Class 11 *Smithiantha*
- Class 12 Other rhizomatous gesneriads less than 5" in any dimension
- Class 13 Other rhizomatous gesneriads

SECTION C — New World Gesneriads in Flower — Fibrous-Rooted

- Class 14 *Codonanthe*, × *Codonatanthus*
- Class 15 *Columnnea*, *Dalbergaria*, *Pentadenia*, *Trichantha*, and their intergeneric hybrids
- Class 16 *Episcia*, *Alsobia*
- Class 17 *Gesneria*
- Class 18 *Nematanthus*
- Class 19 Other fibrous-rooted gesneriads

SECTION D — Old World Gesneriads in Flower

- Class 20 *Aeschynanthus*
- Class 21 *Chirita* species
- Class 22 *Chirita* hybrids
- Class 23 *Petrocosmea*
- Class 24 *Saintpaulia* species
- Class 25 *Saintpaulia* hybrids or cultivars more than 10" in diameter (limit two entries per exhibitor)
- Class 26 *Saintpaulia* hybrids or cultivars 6" to 10" in diameter (limit 2 entries per exhibitor)
- Class 27 *Saintpaulia* hybrids or cultivars less than 6" in diameter (limit two entries per exhibitor)
- Class 28 *Saintpaulia* trailer (limit two entries per exhibitor)
- Class 29 *Streptocarpus*, caulescent (ssp. *Streptocarpella*)
- Class 30 *Streptocarpus* species, acaulescent
- Class 31 *Streptocarpus* hybrids, acaulescent
- Class 32 Other Old World gesneriads

SECTION E — Gesneriads Grown for Ornamental Qualities Other Than Flowers

Decorative fruit and calyces are permitted, but no flowers or buds showing color. A plant should have some special quality of color, texture or growth habit to be entered in this section.

- Class 33 *Chirita*
- Class 34 *Episcia*
- Class 35 *Episcia* with pink-and-white leaf variegation
- Class 36 *Petrocosmea*
- Class 37 Other gesneriads with variegated foliage
- Class 38 Other gesneriad species
- Class 39 Other gesneriad hybrids

SECTION F — New Gesneriads

This section is for introductions made within the last two years, but not previously entered in an AGGS Convention show. Exhibitor must provide a card giving educational information such as name of hybridizer, collector, place of origin, special cultural requirements.

- Class 40 Species in flower
- Class 41 Species not in flower
- Class 42 Hybrids or named cultivars in flower
- Class 43 Hybrids or named cultivars not in flower

SECTION G — Lesser-Known Gesneriads Seldom Grown or Seen in Shows

Exhibitor must provide a card giving educational information such as habitat, source, special cultural requirements.

- Class 44 In flower
- Class 45 Not in flower

SECTION H — Collections of Gesneriads

A grouping of 3 to 5 different plants in flower or grown for ornamental qualities, or in combination (*Saintpaulia* must be in flower.) Exhibitor is encouraged to stage the plants as a unit since this is a consideration in judging this section. Exhibitor must provide a card with identification of plants.

In Class 47, exhibitor must provide educational information on the card.

- Class 46 Plants of a single genus, either species, cultivars or hybrids
- Class 47 Kinship group — Interspecific or Intergeneric hybrid/hybrids with one or more parents

SECTION I — Gesneriads Grown by a Novice

A Novice is anyone who has never won a blue ribbon in a gesneriad flower show. An exhibitor wishing Novice status may not enter other Horticulture classes with the exception of Classes 24 through 28.

- Class 48 Gesneriads in flower
- Class 49 Gesneriads grown for ornamental qualities other than flowers (no flowers or buds showing color allowed)

Division II — ARTISTIC

Gesneriads must predominate. No artificial plant material allowed. Other live and dried material permitted. Accessories are optional. Plant material used must be identified on an accompanying card. *Saintpaulia* permitted in Classes 50, 55 and 58, as well as in Sections M and N. Table coverings and niches will be neutral in color; exhibitors may provide additional background. Note that the actual niche sides are only half the depth size but the design may use the full depth indicated. There is a limit of 4 entries in each class in Sections J, K, and L. Reservation requests must be sent to Leona Mae Mendes, 3521 Monclair Road, Cameron Park, CA 95682, <gesneriads@innercite.com>, or call her at 530-677-5120. The deadline for making reservations is June 15, 2003. *Artistic arrangers must leave the show room at the latest by 9:00 p.m.*

SECTION J — Arrangement of Fresh Cut and/or Growing Plant Material

- Class 50 "Capital Park" — a beautiful setting for the California State Capital Building with its signature gold dome. Niche size: 27"H x 20"W x 20"D
- Class 51 "Camellia City" — Sacramento is known as the Camellia Capital of the World. Use shades of pink in your arrangement. Niche size: 18"H x 12"W x 12"D.
- Class 52 "Old Town" — From Front Street in Old Sacramento you can view the famous Delta King paddlewheel boat, its last voyage over, moored on the Sacramento River. Niche size: 21"H x 20"W x 20"D.
- Class 53 "Sunset Limited" — Sacramento is the home of the biggest railroad museum in the state. Niche size: 10"H x 8"W x 8"D.

SECTION K — Arrangement of Fresh Cut Plant Material

- Class 54 "Jazz Jubilee" — Sacramento is host to a big-time "Jazz Jubilee" each year. Select your instrument and/or music and come join the band! Niche size: 27"H x 20"W x 20"D.
- Class 55 "The Cathedral" — The 212-foot tower of the cathedral in Sacramento was built in 1889. Its prominent architectural design comes from 19th century Paris and its stained glass from Austria. Niche size: 27"H x 20"W x 20"D.
- Class 56 "Fishing for Gold" — There really is gold among the rocks of the American River. Try your hand at an underwater arrangement not to exceed 18"H x 12"W x 12"D. To be displayed at eye level — no niche.

- Class 57 **CHALLENGE CLASS** — Plant and line material to be provided along with the class title at 5:00 p.m. entry time. Several choices of colored paper will also be provided for background. Mechanics are to be supplied by the designer. Niche size: 10"H x 8"W x 8"D.

SECTION L — Arrangement of Growing Gesneriads

- Class 58 "River City" — The American and Sacramento Rivers merge in Sacramento. Think of early Sacramento (known as River City). Part of this era is portrayed in Old Town. Niche size: 27"H x 20"W x 20"D.
- Class 59 "Sutter's Fort" — John Sutter was the first to settle at the confluence of the Sacramento and American Rivers. Today, his sturdy fort is still standing among the many elm trees he planted. Niche size: 18"H x 12"W x 12"D.
- Class 60 "Little Gems" — A petite design displaying tiny gesneriads — not to exceed 12" in any direction.

SECTION M — Growing Material in a Planting (Artistically and Horticulturally Balanced)

- Class 61 Terrarium, straight-sided, not to exceed 30" in any direction
- Class 62 Terrarium, curved, not to exceed 24" in any direction
- Class 63 Tray landscape, not to exceed 30" in any direction
- Class 64 Natural Garden — a planting in weathered wood, not to exceed 30" in any direction
- Class 65 Trained or sculptured gesneriads — bonsai, espaliered, or other style
- Class 66 Other container, not the usual form of plastic or clay pot

SECTION N — Artistic Entry by a Novice

An exhibitor wishing Novice status for the Artistic Division may not enter other Division II classes. (A Novice is anyone who has never won a blue ribbon in the artistic division of a gesneriad show.)

- Class 67 Artistic entry suitable for any of the classes in Sections J, K, L, or M. Exhibitor must identify, on a 3" x 5" card, the name of the class chosen and the plant material used.

Division III — THE ARTS

All entries must feature gesneriads in some form. Limit, one entry per exhibitor per class, and not previously exhibited in any AGGS Convention Show. Each entry must have been made by the exhibitor.

SECTION O — Photography

The subject must be identified on the entry card. Prints should not exceed 8" x 10"; mats should not exceed 11" x 14". Exhibitors must provide an easel for prints 5" x 7" or over. Slides must be mounted for projection in a standard carousel projector.

- Class 68 Color transparency
- Class 69 Color print
- Class 70 Black and white print

SECTION P — Crafts Representing Gesneriads

- Class 71 Painting or drawing (easel must be provided by exhibitor)
- Class 72 Textile (exhibitor must provide a card giving the source of the design)
- Class 73 Other crafts

Division IV — COMMERCIAL AND EDUCATIONAL

Reservations for Sections Q and R may be sent to Karen Willoughby, 2512 16th Avenue, Kingsburg, CA 96631, <pkwillobee@hotmail.com>, or call her at 209-897-3095. Please reserve by June 15.

SECTION Q — Commercial

- Class 74 Display table with a grouping of gesneriads (10 or more plants)
- Class 75 Display table with a grouping of gesneriads (fewer than 10 plants)

SECTION R — Educational

- Class 76 Exhibit illustrating phases of scientific or historical research or gesneriad promotion
- Class 77 Exhibit of plant material
- Class 78 Exhibit of photograph(s) — This class is for photographs of gesneriad plant material seldom seen in shows and of botanical interest and is appropriate for plants which are seasonal or are rare in cultivation. Exhibitor must provide a card giving educational information such as habitat, source, special cultural information, and reason for inclusion in this class.

RULES

1. Entries shall be in accordance with the schedule.
2. Exhibitors need not be members of AGGS.
3. Entries will be accepted only during hours specified. An exhibitor may request that the Classification Committee accept an entry for exhibit only. These entries, and all entries arriving after the close of entries, will be placed for exhibit only, will not be judged, and will be located in a separate area of the showroom. Where appropriate, educational information should be provided.
4. All entries for competition must be approved by the Classification Committee. Nonconformity to the schedule may bring disqualification.
5. An exhibitor is limited to one specimen of the same plant per class in the Horticulture Division. An exhibitor may submit more than one entry per class, provided each entry is a different species, cultivar or hybrid unless otherwise prohibited.
6. In fairness to amateur growers, institutions may not make more than two entries in the Horticulture, Artistic or Arts Divisions of the flower show. The same restriction applies to commercial growers who have employees who assist with the culture and grooming of potential entries.
7. Classes may be subdivided or consolidated by Chairman after entries close.
8. No entries may be removed from the showroom until the show closes. All entries must be checked out through the Show Committee.
9. All plants must be grown by the exhibitor and have been in the exhibitor's possession for at least three months prior to the show. This rule does not apply to plant material used in artistic arrangements in Division II.
10. All entries will be staged in the showroom by the Placement Committee. Artistic arrangements and collections can be executed in the showroom by the exhibitor in the space designated, and during the stated time for entries. Cut blossoms or plant material may be placed in artistic arrangements on Friday morning from 6:30 to 6:45 a.m. by previous written arrangement with the Flower Show Chairperson.
11. Exhibitors will be permitted to indicate the front of a horticultural entry.
12. All plants must be free of insects and disease. All will be inspected, including commercial and educational exhibits as well as entries for exhibit only.
13. AGGS standard competitive judging will be used.
14. Awards will be made according to the following point scores: 1st, blue ribbon, 90-100; 2nd, red ribbon, at least 80; 3rd, yellow ribbon, at least 70. Honorable Mention may also be awarded.
15. Special Awards (more than a class ribbon) will be reserved for AGGS members only unless otherwise offered to non-members. An exhibit must score 90 or above to be considered.
16. There will be a Sweepstakes Award for the Horticulture Division and a Sweepstakes award for the Artistic Division. An exhibitor must win a minimum of 3 blue ribbons in that division to be eligible for the award. These awards are reserved for AGGS members only.
17. The award for Best Gesneriad in Show in the Horticulture Division (excluding *Saintpaulia*) is given for horticultural perfection. A plant must score 95 points or over to be considered for this award. Reserved for AGGS members only.
18. AGGS will endeavor to protect all entries but assumes no responsibility for loss or damage.

EXHIBITOR'S INFORMATION

The exhibitor must prepare a list of plants and other exhibits with the appropriate Section and Class numbers to facilitate the work of the Entries Committee. The Flower Show Committee will assist in identifying material unknown to the exhibitor. If desired, an exhibitor may provide educational information (white 3" x 5" card only) for any entry in the show.

A computerized entry system will be used, and a pre-entry form will be included in each registration packet. Exhibitors with more than five entries are required to submit their pre-entry forms (at Registration) on Wednesday or latest by 8:00 a.m. on Thursday; exhibitors with less than five entries are encouraged to submit their pre-entry forms early as well. Your cooperation will help expedite the actual entries process for everyone.

No particular type of container is specified for the Horticulture Division. Whatever is used should be clean. Foil covering should be avoided. A protective container or cover made of transparent material to shield delicate plant material from dry air or cold drafts may be used for any exhibit requiring it. Such plants may be judged uncovered.

The class for a collection of gesneriads of one genus stresses horticulture primarily, but as this serves to focus attention on a special group, there should be some degree of presentation. Uniform type and color of container would be a first step toward unity. Some simple staging to provide different levels may be provided by the exhibitor. The plants might be grouped in a basket or a tray.

Growing material established in situ should present a practical horticultural method of growing, not a temporary insertion for display only. This section covers entries such as terrariums, dish gardens, bonsai and material grown in containers other than the usual plastic or clay pots. Straight-sided terrariums are composed of flat pieces of glass or plastic; curved terrariums are composed of rounded pieces.

Photography: The photographer is being judged on the skill, technique and composition displayed, not on the quality of the plant material chosen as a subject.

Educational exhibits may be entered by institutions, chapters, study groups, or individuals. Any project relating to gesneriads may be presented with illustrative material that may or may not include live plant material.

Additional Convention Information

The Red Lion Hotel is located off Capital City Freeway East at the Arden Way exit, and is just west of the Arden Fair Mall, which has many shops and restaurants. The hotel rooms are in several buildings, some of which have stairs to the second floor. If this would be a hardship, please mention it when reserving rooms.

Airport transportation is available by Super Shuttle, \$12.00 per person each way. A van leaves every hour; reservations not required. The trip takes about 40 minutes. Driving directions will be enclosed with your registration confirmation.

Convention registration must be postmarked by June 1, 2003, in order to avoid a \$25.00 late fee. **Register for convention by April 30, 2003, to gain early admittance to the plant sales.**

Houseplants Entering California

Privately owned houseplants such as flower show entries, must have been grown indoors at all times, and grown in sterile soilless mix, in order to be brought into California without a certificate. California authorities are especially concerned about plant material from Florida and Texas. To avoid problems at the border, residents of those states might consider obtaining an inspection and phytosanitary certificate for their plants before leaving home. A large quantity of plants, as for convention plant sales, requires a phytosanitary certificate. The Sacramento Pest Extension Branch telephone number is 916-653-7140, email <peinfo@cdfa.ca.gov>.

Plant Sales Procedures

Each vendor who will be selling plants at convention must bring a minimum of 50 plants. Potted plants for sale should be well rooted. Rhizomes, tubers, cuttings, and stolons in labeled plastic bags are welcome, too. And, of course, any donated plant material will be most welcome!

To make the sales process easier and to ensure that sellers receive full proceeds from the sale of their plants, the following procedure should be used in preparing plants for sale:

1. Each plant should be labeled with the name printed clearly on a WHITE plant tag placed securely in the pot or on a label on the pot. Paper tags are **not** recommended.
2. The price should be shown on a separate BRIGHTLY colored plant tag with the seller's identification also printed on the tag.
3. Place the tags on opposite sides of the pot to assist in the check-out process.
4. For cuttings, rhizomes, tubers and any bagged plants, clearly print the plant name on the bag or on a WHITE plant tag attached to the bag using tape or staples. A plastic label placed inside the bag may also be used.
5. For pricing cuttings, rhizomes, tubers and bagged plants, attach a BRIGHTLY colored plant tag with the price and seller's identification. Attach the price tag separately from the name tag using tape or staples.

If you are planning to sell plants at the convention, please send your name and the ID you will be using on your tags to Alan LaVergne, 2369 Saint Francis Drive, Palo Alto, CA 94303-3136, phone 650-856-2470, email <qoder@yahoo.com>.

Frances Batcheller Endowment Fund Auction

Silent or live, it's always one of the highlights of convention. The auction works for us all, but it can't work without you—your donations and your bids. What can you donate? Any gesneriad or horticulturally related item will do... especially live plant material.

In order to speed up the item registration process at Convention, you can send a list (complete or partial) of the items that you intend to donate to: Paul Susi, 6 Upper Lane, Centerport, NY 11721 or by e-mail to <captaur@optonline.net>.

American Gloxinia and Gesneriad Society, Inc.

47th Annual Convention — 2003

Room Reservation Form

Mail to: **Red Lion Hotel**

1401 Arden Way

Sacramento, CA 95815

Phone: **1-800-RED LION**

916-922-8041

Fax: 916-922-0386

To obtain the special group rate, tell them you will be attending the American Gloxinia and Gesneriad Society Convention. In order to guarantee reservations, please enclose a check for the amount of the first night's room and tax, or fill out the credit card information below.*

Name(s) _____

Address _____ City _____

State/Prov _____ Country _____ Zip/Post Code _____

Home Phone _____ Business Phone _____

Arrival Date _____ Time _____

Departure Date _____ Number of persons sharing room _____

Names _____

Check-in Time: 3:00 p.m.

Rates: \$84.00 Single, Double

Check-out Time: 12:00 Noon

\$94.00 Triple, Quad

Tax: 12.09%

plus \$1.25 per room per night tourism charge

The above rooms are subject to all applicable taxes.

Reservations must be received by June 2, 2003 in order to guarantee convention rates.

Circle One: American Express Diners Club Master Card Visa

Card # _____ Expiration Date _____

Signature _____

My check for one night deposit is enclosed \$ _____

☐ Non-Smoking Room

☐ Smoking Room

*Cancellation of guaranteed room reservations must be received 48 hours prior to arrival in order to avoid a charge equal to one night's room and tax.

Parking is complimentary.

Judges Training School

The Training School for the 2003 Convention will be held on Wednesday, July 2. The sessions for novice and continuing AGGS judges will be held from 9:00 to 11:30 a.m. and from 1:00 to 2:45 p.m. The examination will be given from 6:45 to 7:45 p.m. A member who is primarily interested in exhibiting, rather than becoming a judge, may register for the school. Taking the examination is optional unless accreditation as a judge is desired.

The registration fee is \$11.00, which includes a new or renewal subscription to *Appraisal*, the newsletter of the Judges Interest Group. Only one subscription (\$6.00) for *Appraisal* is needed for a single address. Checks should be made out to AGGS and sent to Ben Paternoster, 14 Coptor Court, Huntington, NY 11743-2335 by June 15. **No registrations will be accepted at convention.** If you wish acknowledgement of the receipt of your registration for the school by regular mail, please enclose a self-addressed postcard with your request. Email acknowledgements, when requested, will be sent provided an e-mail address accompanies the request.

There will be a meeting of the Judges Interest Group on Wednesday, July 2, from 3:00 to 4:00 p.m. Current AGGS judges or those interested in becoming judges are welcome to attend this meeting. For judges and clerks who participate in the flower show judging, there will be a critique on Saturday, July 5, from 7:00 to 8:00 a.m.

A Call for Judges and Clerks

Anyone who is interested in an assignment as a judge or clerk should write to Arleen Dewell, Judges Chairperson, #311-2366 Wall Street, Vancouver, BC, Canada V5L 4Y1, or email <arleendewell@shaw.ca>, for consideration. If you wish acknowledgement of the receipt of your request by regular mail, please enclose an unstamped self-addressed postcard with your request. Email requests will be acknowledged by reply email.

Flower Show Awards

It is January once again—time to make plans to attend our plant society's national convention. This year, all gesneriad enthusiasts will arrive in California for a respite from life and total immersion in the world of gesneriads!

Make plans now to join in the fun. A list of to-do items might include the cleaning and prepping of potential show plants, gathering AAA guidebooks and other regional brochures to know the area before you arrive, and the donation of an award for a worthy exhibitor.

One of the convention's highlights is when the flower show participants are recognized for their high quality plants and exhibits. The winning exhibitors, myself, and AGGS as a whole appreciate the generosity of the individual members, commercial members, chapters, and friends-at-large who donate these awards.

I am currently soliciting donations for the 2003 Convention to be held in Sacramento, California. Any member or chapter who wishes to donate an award may forward the award to me at the address below. Checks or money orders should be made payable to AGGS.

As in the past, preference is for unspecified awards. This allows for fair distribution to all deserving entries. Special requests will be filled on a first-come, first-served basis. If there are no eligible entries, or the category's award has already been filled, the award may be transferred to another class or section. Should there be fewer eligible entries than awards, then the balance of award donations will be used to sponsor a color picture in *THE GLOXINIAN* of the "Best Gesneriad in Show".

Acknowledgement of all award donations will be printed in *THE GLOXINIAN* and on the AGGS web site. Thanks for your past support and for your consideration for this year's convention.

Colleen Turley <awards@aggs.org>
8404 West Harrison Court, Fredericksburg, VA 22407-1905

Make Tracks to "A Capital Affair"!

Lynn Lombard <lombard@oro.net>
790 Ridgcrest Drive, Colfax, CA 95713

The human stampede to the Mother Lode came on foot, horseback, stagecoach, sailing ship, and paddlewheeler—and finally, on ribbons of iron.

Gold seekers coming by stagecoach were advised to bring a pair of blankets, revolver, knife, some wine to mix with the brackish water and \$3 or \$4 worth of provisions purchased at Yuma to last across the desert.

California steamboating was born in the Gold Rush era. Competition was unrestrained, and river captains ran their vessels until they wore out, caught fire, rammed another ship or were rammed, blew up, or were snagged. Disdaining such rivalry, in 1860 the elegant *Chrysopolis* was built, complete with marble-topped tables, red plush upholstery, glistening brass lamps and murals of California scenes. Today the historic 110-foot paddlewheeler *Spirit of Sacramento* provides passengers a leisurely tour of the scenic Delta area.

Nothing opened up California, however, like the Central Pacific Railroad, completed in 1869. Eager to irrevocably bind California to the rest of the nation, the United States government paid by the mile for track laid. The construction difficulties presented by mountainous terrain brought a much larger fee per mile.

Shrewdly assessing the opportunity for vast wealth, four California shopkeepers, Charles Crocker, Mark Hopkins, Collis Huntington and Leland Stanford, started the CP Railroad. Though they knew nothing about building railroads, they did know about financing. The big four, locally called "the octopus" because of their monopolistic business practices, persuaded a geologist to agree that the Sierra Nevada Mountains started 40 miles closer to Sacramento, and their profits soon soared. Stanford later became Governor of the state, Hopkins became a hotel magnate, and Crocker became a land baron. Thanks to that geologist, Sacramento has some of the flattest mountains in the world!

Steam trains still capture the hearts of railroad enthusiasts who can enjoy excursions and dinner on the Napa Valley Wine Train. Not to be missed in Old Sacramento is the California State Railroad Museum which houses 21 restored locomotives and train cars plus more than 40 exhibits documenting American railroad history between 1860 and 1960.



If you'd like to know where the railroad tracks begin their journey across the flat mountains of California, come to Sacramento for "A Capital Affair" and ask us to show you!

The Capital Convention Excursions

Sacramento is a city of 400,000 located about halfway between San Francisco and Lake Tahoe on the Nevada border. The climate is Mediterranean, with mild winters and hot summers, but with low humidity. The hotel has more than one swimming pool—don't forget your swimsuit!

For city information contact the Sacramento Convention & Visitors Bureau, 1303 J Street, Suite 600, Sacramento, CA 95814 (phone 916-264-7777) <www.sacramentocvb.org>; or contact the California Division of Tourism, P.O. Box 1499, Sacramento, CA 95812-1499 (phone 800-462-2543) <www.gocalif.ca.gov>.

Wine country is the destination for Thursday's trip. We are going to Napa to visit Copia, The American Center for Wine, Food & the Arts <www.copia.org>. This new non-profit center, funded by Mondavi and other winemakers, has a large building with exhibition galleries (Summer 2003 features ancient Iranian ceramics); Julia Child's Kitchen and other restaurants. Our focus will be on the 3.5 acres of organic gardens, 3 orchards including one of artichokes and espaliered apples; a cultural garden with areas for Amish, Latino, American Indian, Italian American, Chinese American and Japanese American plants; lavenders, olive groves, beneficial insect habitat, vegetable trial garden, several vineyards, and a berry grove. We will have a one-hour guided tour of the gardens, and enjoy box lunches prepared in the American Market Café. Wine tasting is an available option. Copia's gift shop does not have plants for sale, so we will make a stop on the way home at Morningsun Herb Farm <www.morningsunherbfarm.com> in a narrow agricultural valley just off the highway near Vacaville. We will see their perennial and herb gardens and the lavender field in bloom. Herbs and perennials are available for purchase.

Although Sacramento is traversed by both the American and Sacramento Rivers, our Saturday evening excursion will not be afloat. We are going to nearby Woodland for a private steam train excursion on the Yolo Short Line. The train has both air-conditioned coach and open-air cars as well as a baggage car with refreshments available. Passengers are free to move between cars en route. We travel eastward to the Sacramento River crossing an 8000-foot-long trestle. Our destination is Elkhorn Park where we will enjoy a BBQ buffet. Be forewarned—the El Dorado Outlaws will be awaiting us on the return trip!

Gesneriads • Begonias • Rare Flowering Plants & Vines

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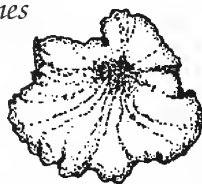
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A Visit to Edinburgh

Wallace Wells <sirtandra@hotmail.com>
PO Box 2034 Old Chelsea Station, New York, NY 10011

Last July I was fortunate to receive an escorted tour of the Royal Botanic Garden at Edinburgh (RBGE) by none other than Bill Burt. He and his associate, Olive Hilliard, are best known for their epic work "*Streptocarpus, An African Plant Study*" which remains the leading monograph on the subject. They have traveled extensively abroad, mostly in the Old World tropics of Africa and SE Asia, the areas to which they mostly confine their interests. They have also written extensively on a number of plant families other than Gesneriaceae.

Bill Burt seems much younger than his eighty-nine years, and he only relies on a cane to get about. He introduced me to the research collections at the RBGE which contain many gesneriads.



Bill Burt in the gesneriad research greenhouse at RBGE

There were three species of *Agalmyla* in bloom. *Agalmyla paucipilosa* was climbing up a piece of tree trunk like Virginia Creeper and sent out clusters of seven or eight bright red flowers. *Agalmyla pseudoborneensis* was also scaling up a piece of tree trunk. It was less floriferous, however, the flower was quite large—scarlet with interesting stout purple and yellow stamens. I was told that the stem roots laid down by *Agalmyla* are only supportive, and not parasitic as is often supposed.

The similarity between the flowers of *Agalmyla* and *Aeschynanthus* are apparent at first glance. The two genera differ in several technical details but the one most readily seen is the herbaceous leaves of *Agalmyla* compared with the fleshy ones of *Aeschynanthus*. The ripe seed pod of *Agalmyla* splits into four and that of *Aeschynanthus* splits into two. *Agalmyla* roots along the stems whereas *Aeschynanthus* roots only from the nodes. There are nearly 100 species of *Agalmyla* but they require skilled cultivation and there are only a few, usually *A. parasitica*, in general cultivation.

The RGBE is doing research on *Streptocarpus* in Madagascar with admirable results. The Madagascar Streps blow away any preconceived ideas about what a Strep should look like. Many of the species have not yet received formal names. There was one species with a completely rosulate habit just like a *Saintpaulia*, with woolly leaves and clusters of small white flowers in the center. There was another species, less woolly with clusters of leaves that were exactly like a trailing *Saintpaulia* with many small white flowers, that would likely be confused with a *Saintpaulia* except for the twisted seed pods. In fact, Bill Burtt mentioned these as "Saintpaulioid *Streptocarpus*".

Streptocarpus papangae from Madagascar is very un-*Streptocarpus* looking. It grew bolt upright on a stem as thick as a cigar with dark green leathery leaves 10 inches long, burgundy on the reverse, and produced panicles of dozens of small flowers with a distinct *Gypsophila* resemblance. Two varieties exist, one with pinkish flowers and another with yellow ones.



Streptocarpus papangae from Madagascar
(photos by Wallace Wells)

That least well known of genera, *Cyrtandra*, was well represented in the collection, many in bloom. Most of the flowers are white, however, there was a nice specimen of *Cyrtandra cleopatrae* which had numerous downward-facing violet flowers clustered near the stem. Another species in bloom had flowers borne on the stem just above ground level. *Cyrtandra* is the largest of all gesneriad genera, but according to Bill Burtt, its taxonomy at present "is a mess"; however the species in Borneo, Malay Peninsula, Sulawesi and Sumatra are currently being investigated at RGBE.

Aeschynanthus is also well represented in the collection. *A. vinaceus*, which has wine-purple flowers, was seen in bloom. Many of the scarlet ones were in bloom; in particular *A. parvifolius* caught my eye with large clusters of flowers with purple calyces and bright red corollas.



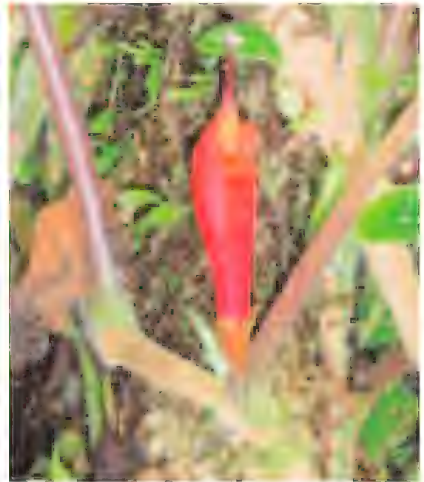
Agalmyla paucipilosa



Aeschynanthus vinaceus



Henckelia corrugata



Agalmyla pseudoborneensis

Listing all of Olive Hilliard and Bill Burt's contributions to botany would fill up many pages, however a few of Bill's most recent ones can be mentioned. In 1998, along with Prof. Anton Weber of the University of Vienna in Austria, Bill published a series of articles presenting the restructuring of the old genera *Didymocarpus* and *Didissandra*; these have already been summarized in THE GLOXINIAN. In February 2002, Olive Hilliard and he published a major review of the genus *Agalmyla*, with descriptions of 96-odd species, in the *Edinburgh Journal of Botany*. The abstracts of articles in the *EJB* since 2000 can be accessed on the web at <http://journals.cambridge.org>. The third issue of 2001 (*EJB* 58:3) also contains two gesneriad articles.

Those who believe that "life begins at forty" should see by Bill Burt's example that it can still proceed robustly when approaching ninety.



Agalmyla chorisepala grown in the RBGE research greenhouse
(photo by Jeanne Katzenstein) (see close-up on cover)



Olive Hilliard at RBGE
(photo by Wallace Wells)

Gesneriaceae Workshop at RBGE

Jeanne Katzenstein <jkatzenste@aol.com>
1 Hallvard Terrace, Rockaway, NJ 07866

The third international workshop on the plant family Gesneriaceae was held from September 25–28 at the Royal Botanic Garden Edinburgh, Scotland. The workshop was organized by Michael Möller, Mary Mendum and Quentin Cronk, and was dedicated to Bill Burt for his over 50 years of research at RBGE. In years past, international meetings have been held in Sarasota, Florida (organized by Hans Wiehler and the Gesneriad Research Foundation in July of 1982) and in Montreal, Canada (organized at the Montreal Botanic Garden in July of 1990).

This first workshop of the new millenium began with registration and social time for the 38 delegates attending from Scotland, Austria, Brazil, Canada, England, Japan, South Africa, Switzerland, Thailand, and the United States. Introductory remarks were followed by tours of the living collection in the research greenhouses, the herbarium, and the library of RBGE. The workshop schedule was well designed to maximize participation by all attendees. Oral presentations of 10–15 minutes each were grouped by subject, followed by an interactive discussion period of about two hours allowing all attendees to pose questions and responses. Oral presentations included the following:

Biogeography & Ecology:

Phytogeography of Gesneriaceae

— B.L. Burt, Royal Botanic Garden Edinburgh, UK

Aeschynanthus seed morphology and sectional distribution patterns

— Mary Mendum, Royal Botanic Garden Edinburgh, UK

Local, regional and monographic approaches to *Cyrtandra*

— Gemma Bramley, Royal Botanic Garden Edinburgh, UK

Cyrtandra as a biogeographic tool

— Hannah Atkins, Royal Botanic Garden Edinburgh, UK

Taxonomy — Large scale pattern: Old World

The systematics of Old World Gesneriaceae: solved and unsolved problems

— Anton Weber, University of Vienna, Austria

Taxonomy — Large scale pattern: New World

The changing relationships within the Gesnerioideae, particularly the Gloxinieae

— Laurence E. Skog, Smithsonian Institution,
Washington, DC, USA

Synopsis of cytological investigations in Gesneriaceae

— Michael Möller, Royal Botanic Garden Edinburgh, UK

Two new genera from the Guianas

— Christian Feuillet, Smithsonian Institution,
Washington, DC, USA

Taxonomy — Micropattern I

Micropattern — morphological diversification in tribe Sinningieae

— Alain Chautems, Geneva Botanic Garden, Switzerland

Taxonomy — Micropattern II

Infra- and interspecific AFLP variation in *Cyrtandra*

— Michael Kiehn, University of Vienna, Austria

Preliminary phylogeny of *Alloplectus* based on morphology and ITS sequence data

— John L. Clark, Smithsonian Institution, Washington, DC

Intra-specific diversity and evolution in *Streptocarpus* subg. *Streptocarpus*

— Mark Hughes, Royal Botanic Garden Edinburgh, UK

Morphological and molecular variation in the *Streptocarpus johannis* complex in relation to phytogeographical distribution patterns

— Dirk U. Bellstedt, University of Stellenbosch, South Africa

Evolution & Development:

Evo-Devo research in Gesneriaceae

— Quentin C. B. Cronk, Royal Botanic Garden Edinburgh, UK

Genetic interactions involved in phyllomorph construction

— Jill Harrison, University of Oxford, UK

Combining developmental genetics and phylogenetics:

Titanotrichum oldhamii

— (Bruce) Chun-Neng Wang, Royal Botanic Garden Edinburgh, UK

Floral Morphology & Pollination Syndromes:

Floral morphology and pollination biology in Gesneriaceae with an emphasis on subfamily Gesnerioideae

— Jim Smith, Boise State University, Idaho, USA

Evolution of pollination syndromes in Sinningieae

— Mathieu Perret, Geneva Botanic Garden, Switzerland

Floral biology and pollination of Sinningieae species in southeastern Brazil

— Ivonne San Martin-Gajardo, State University of Campinas, São Paulo, Brazil

Bird pollination in *Streptocarpus dunnii*

— Dirk U. Bellstedt, University of Stellenbosch, South Africa

In addition to the oral presentations, 13 poster presentation were also introduced and discussed by the authors. The workshop, which began with opening remarks from Bill Burt of RBGE, concluded with discussions introduced by Anton Weber of the Institute of Botany, University of Vienna, including plans for future work in the Gesneriaceae. You will be hearing more about that work in upcoming issues of THE GLOXINIAN.

Correction

THE GLOXINIAN, Vol. 52, No. 4, p 43 (Fourth Quarter 2002) the correct parentage for $\times$ *Glokeria* 'Dragonsong' is *Gloxinia perennis* $\times$ *Koellikeria erinoides* (Jim Roberts, 1985).



Bill Burt (inset) and most of the attendees at the Gesneriaceae Workshop



Organizers of the workshop – Mary Mendum (top left), Anton Weber and Michael Möller (top right) and Quentin Cronk (left)

Gesneriad Register

Judy Becker, Registrar <jbecker@mohawk.net>
432 Undermountain Rd., Salisbury, CT 06068-1102

The following registrations should be added to the Registered Gesneriads List found in Appendix C of the 1990 Gesneriad Register.

01786	<i>Streptocarpus</i> 'Okombahe'	<i>S. cyaneus</i> ssp. <i>nigridens</i> × <i>S. meyeri</i>	Jaco Truter
01787	<i>Streptocarpus</i> 'Omaruru'	<i>S. baudertii</i> × <i>S. montigena</i>	Jaco Truter
01788	<i>Streptocarpus</i> 'Otavi'	<i>S. fasciatus</i> × <i>S. 'Venus'</i>	Jaco Truter
01789	<i>Streptocarpus</i> 'Otjikondo'	<i>S. floribundus</i> × <i>S. dunnii</i>	Jaco Truter
01790	<i>Streptocarpus</i> 'Otjiwarongo'	<i>S. red johannis</i> type × <i>S. porphyrostachys</i>	Jaco Truter
01791	<i>Streptocarpus</i> 'Outjo'	<i>S. montigena</i> × <i>S. johannis</i>	Jaco Truter
01792	<i>Streptocarpus</i> 'Windhoek'	<i>S. compressus</i> × <i>S. fasciatus</i>	Jaco Truter
01793	<i>Sinningia</i> 'Anita Baldwin'	(<i>S. 'Georgia Sunset'</i> × <i>macrostachya</i>) × (<i>S. 'Good Pink'</i> × (<i>leucotricha</i> × 'Rex')) × <i>conspicua</i>)	Peg Conner
01794	<i>Chirita</i> 'Cynthia'	sport of <i>C. 'Kazu'</i>	V. Woo
01795	<i>Streptocarpus</i> 'Heaven Scent'	<i>S. 'Helen'</i> × <i>S. vandeleurii</i>	J. Smith
01796	<i>Streptocarpus</i> 'Buttons'	unknown parentage	K. Williams
01797	<i>Streptocarpus</i> 'Josie'	unknown parentage	K. Williams
01798	<i>Streptocarpus</i> 'Swaybelle'	unknown parentage	K. Williams

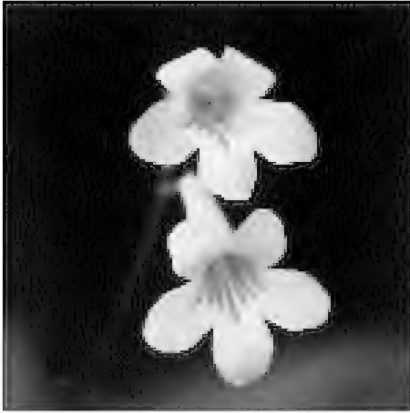
***Streptocarpus* 'Okombahe'**, 2001, IR01786, Jaco Truter, SA. (*S. cyaneus* ssp. *nigridens* × *S. meyeri*). Cross made 1996, planted 1997 and first flowered 1998. Fertile but reproducible only vegetatively. Rosette. Leaves bullate, dark green, 80 mm long x 30 mm wide, linear with serrate margin, acute tip and cuneate base. Calyx green, split. Corolla salverform, 25 mm long x 15 mm wide, white with lavender stripes on bottom three lobes, extending onto upper lobes.

***Streptocarpus* 'Omaruru'**, 2001, IR01787, Jaco Truter, SA. (*S. baudertii* × *S. montigena*). Cross made 1998, planted 1999 and first flowered 2000. Fertile but reproducible only vegetatively. Rosette. Leaves light green, 120 mm long x 90 mm wide, linear with serrate margins, acute tip and cuneate base. Calyx green, split. Corolla salverform, 40 mm long x 30 mm wide, delicate mauve with darker lines on lower lobes and two yellow forks/flushes from the pollen parent.

***Streptocarpus* 'Otavi'**, 2001, IR01788, Jaco Truter, SA. (*S. fasciatus* × *S. 'Venus'*). Cross made 1999, planted 2000 and first flowered 2001. Fertile but reproducible only vegetatively. Rosette. Leaves smooth, dark green, 120 mm long x 60 mm wide, ovate with crenate margin, acute tip and cuneate base. Calyx green, split. Corolla salverform, 50 mm long x 40 mm wide, light mauve with dark purple lines on lower three lobes.

***Streptocarpus* 'Otjikondo'**, 2001, IR01789, Jaco Truter, SA. (*S. floribundus* × *S. dunnii*). Cross made 1996, planted and first flowered 1997. Fertile but reproducible only vegetatively. Plurifoliate rosette. Leaves hairy, medium green, 170 mm long x 80 mm wide, linear with undulate margin, acute tip and cuneate base. Calyx green, split. Corolla infundibuliform, 30 mm long x 15 mm wide, red-purple wine colour combining the shape of *dunnii* with the colour and markings of the seed parent..

***Streptocarpus* 'Otjiwarongo'**, 2001, IR01790, Jaco Truter, SA. (*S. red johannis* type hybrid × *S. porphyrostachys*). Cross made 1997, planted 1998



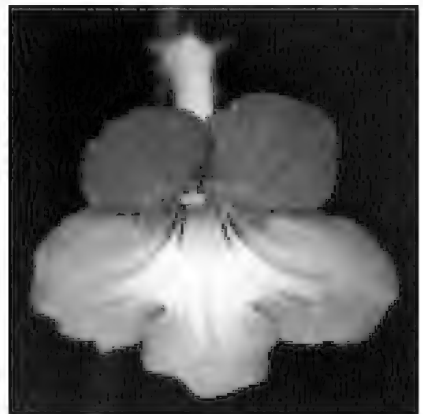
Streptocarpus 'Okombahe'



Streptocarpus 'Otjikondo'



Streptocarpus 'Otjiwarongo'



Streptocarpus 'Windhoek'

and first flowered 1999. Fertile but reproducible only vegetatively. Plurifoliate rosette. Leaves dark green, beet-root red beneath, 100 mm long x 60 mm wide, linear with serrate margins, rounded tip and cuneate base. Calyx green, split. Multiflowered peduncles. Corolla salverform, 35 mm long x 30 mm wide, deep magenta with triangular white patch on lower three lobes.

***Streptocarpus* 'Outjo'**, 2001, IR01791, Jaco Truter, SA. (*S. montigena* × *S. johannis*). Cross made 1997, planted 1998 and first flowered 1999. Fertile but reproducible only vegetatively. Loose rosette. Leaves smooth, light green, 170 mm long x 70 mm wide, oblong with crenate margins, acute tip and cuneate base. Calyx green, split. Multiflowered peduncle. Corolla salverform, 30 mm long x 20 mm wide, lilac blue with dark violet lines.

***Streptocarpus* 'Windhoek'**, 2001, IR01792, Jaco Truter, SA. (*S. compressus* × *S. fasciatus*). Cross made and planted 1998, first flowered 2000. Fertile but reproducible only vegetatively. Rosette. Leaves bullate, light green, 100 mm long x 70 mm wide, linear with serrate margins, acute tip and cuneate base. Calyx green, split. Corolla salverform, 40 mm long x 30 mm wide, pastel mauve with deeper striping on basal lobes.

***Sinningia* 'Anita Baldwin'**, 2001, IR01793, Peg Conner, NY. (*S. 'Georgia Sunset'* × *S. macrostachya*) × ([*S. 'Good Pink'* × (*leucotricha* × 'Rex')]) × *S. conspicua*). Cross made Sept. 1994, planted Nov. 1994 and first flowered June 1995. Plant reproducible only vegetatively. Upright plant habit. Leaves bullate, yellow-green (RHS 147A), 5" long x 5-1/4" wide, orbicular with rounded tip and cordate base. Calyx yellow-green, split, 1/2" long, pedicel 1-3/4" long, 2-3 flowers per leaf axil. Corolla campanulate, pendulous, 1-1/2" long, 1-3/8" wide, orange-red (RHS 32D), limb 6-lobed, lighter shade of salmon with purple markings on the lower 4 lobes. Received blue ribbon in New Hybrid Class at 1999 Long Island AGGS Chapter Show.

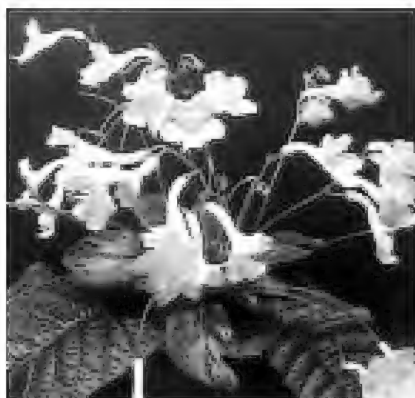
***Chirita* 'Cynthia'**, 2001, IR01794, Vincent Woo, CAN. (sport of *C. 'Kazu'* [*C. sinensis* 'Latifolia' × *C. linearifolia*]). Original plant came from a leaf cutting of *C. 'Kazu'* in 1990. Sterile and reproducible only vegetatively. Rosette. Leaves hairy, dark green as with 'Kazu' but with white-cream variegated leaf margins, which can vary with light intensity and clones, elliptic with slightly serrated margins, acute tip and cuneate base. Calyx green, fused, 6-10 blossoms per peduncle. Flowers identical with those of 'Kazu'. Unfortunately seems to mainly come true with sucker propagation, rarely by leaf.



Sinningia 'Anita Baldwin'



Chirita 'Cynthia'



Streptocarpus 'Heaven Scent'



Streptocarpus 'Buttons'



Streptocarpus 'Josie'

***Streptocarpus* 'Heaven Scent'**, 2001, IR01795, Jeff Smith, IN. (*S. 'Helen'* × *S. vandeleurii*). Cross made April 1998, planted Aug. 1998 and first flowered Feb. 1999. Sterile and reproducible only vegetatively. Starts as a unifoliate, becomes plurifoliate with age. Leaf smooth, medium green, 4 to 12" long x 2-6" wide, with 1/2" petiole, elliptic with crenate margin, acute tip and cuneate base. Calyx split, green, 1/2" long, pedicel 6-11" tall with 4-10 flowers per peduncle. Corolla salverform, 1-1/2"-2" long x 1" wide, white with rose, pleasantly scented.

***Streptocarpus* 'Buttons'**, 2001, IR01796, Kim Williams, UK. (Parentage unknown, as are dates of hybridizing and first blooming.) Fertile but reproducible only vegetatively. Compact growing rosette. Leaves bullate, mid green, 6-1/2" long x 2" wide with 1-2" petiole, linear with acute tip and cuneate base. Calyx green, split, 2-1/8" long, 2-6 flowers per peduncle. Corolla salverform, 2" long x 1-1/4" wide, dark red with slightly darker veins, white in upper throat.

***Streptocarpus* 'Josie'**, 2001, IR01797, Kim Williams, UK. (Parentage and dates of hybridizing and first flowering unknown.) Reproducible only vegetatively. Large leaved rosette. Leaves medium-dark green, 8" long x 4-1/2" wide with 1" petiole, lanceolate with serrate margin, acute tip and cuneate base. Calyx split, medium, green, 2-5 flowers per peduncle. Corolla salverform with frilly wavy edge, 3" long x 2-3/4" wide, violet blue with dark purple veins and white throat.

***Streptocarpus* 'Swaybelle'**, 2001, IR01798, Kim Williams, UK [Mr. Edmunds]. (Parentage and dates of hybridizing and first flowering unknown.) Reproducible only vegetatively. Large rosette. Leaves bullate, medium green, 13" long x 6-1/2" wide, lanceolate with serrate margin, acute tip and cuneate base. Calyx split, medium green, 1/2" long, 2-7 flowers per peduncle. Corolla salverform with rather flat face, 3-1/4" long x 3-1/4" wide, pale blue with darker veins on lower three lobes, yellow extending into throat.

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Chapters & Affiliates — Update

Arleen Dewell <arleendewell@shaw.ca>
311-2366 Wall St., Vancouver, B.C. V5L 4Y1 Canada

I mentioned last year that one of my goals as your Chapters and Affiliates Chair was to define when each of our chapters received their charters. I would like to thank all of you for delving into your respective archives to provide me the information I was seeking. Here then, are the results of our labours.

Four chapters have been part of AGGS almost as long as the society itself has been in existence. Each has demonstrated its commitment to AGGS for more than forty years. How? By growing and showing gesneriads to anyone willing to listen and learn about them. Our venerable core chapters are: Greater New York, chartered in 1953, New England and Connecticut, 1961 and Long Island, 1962. Two very active chapters currently in their mid-thirties, the Tennessee Gesneriad Society (1967), and 3G's (Gloxinia Gesneriad Growers) in Colorado (1969), round out our core chapter group.



Members of the Long Island Chapter celebrating their 40th anniversary at a picnic in August 2002

The 1970's brought a tremendous spurt of growth to AGGS. Seventeen chapters are still going strong, and today form the backbone of our society. Our "thirty-something" chapters are: American Gesneriad Society of San Francisco (1971); National Capital, Twin Cities, Puget Sound Gesneriad Society and Liberty Bell all joined our AGGS family in 1972. The "almost 30's"—Culver City (1974); New Jersey and Peninsula—both believed to have been chartered in the mid-70's. Then there is our Silver Anniversary Club: Suncoast of Florida, Northern Illinois Gesneriad Society, the Toronto Gesneriad Society and that high-flying, flamingo-flapping Frelinghuysen Arboretum Gesneriad Society, host of the 2002 Convention in New Jersey! They all received their charters in 1977. Heart of America (1978), host of our Golden Jubilee Celebration in 2001, will join "The Club" this year; and in 2004, more inductees will turn Silver: Gateway West, Delaware, SE Michigan, and the Edmonton AV and Gesneriad Society all became AGGS Chapters in 1979.



Members of the Toronto Chapter celebrating their 25th anniversary at their flower show in April 2002

Hot on their heels are the "23-year-olds"—Mt. Hood Gesneriad Society of Oregon and the Carefree Gesneriad Society in Saskatchewan, Canada. With charters in hand since 1980, that Silver Anniversary Club will soon be a very crowded place! Grow and Study of southern California has come of age at 21 (1982), and our spunky "teenager", the Delta Gesneriad and African Violet Society (1988), will host our convention later this year in Sacramento.

The final decade of the 20th Century saw the arrival of more young and vivacious AGGS Chapters, beginning with the Atlanta Gesneriad Interest Group in 1994. Our Y2K Convention host, the Tampa Bay Gesneriad Society and our first European Chapter, the 350-member-strong Gesneriasts of Sweden followed in 1995. Gesneriad-Dicts of Western New York State was launched in 1996, and then Florida added its third chapter, the Caribbean Basin in 1997. The arrival of the Pittsburgh AV and Gesneriad Society in 1998 completes our "lucky seven" chapters of the 1990's.

Those "new millennium kids", the future of AGGS, began making their presence known in 2000 when the Northwest Arkansas Gloxinia & Gesneriad Society became the first to receive its charter. Canada's fourth AGGS Chapter, the Vancouver AV & Gesneriad Society, came along in 2001. Our newest additions, the Southern Arizona Gesneriad Society and the AV & Gesneriad Society of Western New York joined us in 2002, swelling our chapters to 37. The story doesn't end there. I am thrilled to report that I have had two brand new requests for advice on how to get a chapter or interest group going. One was from Sonia Janssen, secretary of the Transvaal African Violet Society in South Africa, and the other from Cynthia Grillot in Calgary, Canada. Greetings and a warm welcome to both potential new groups!

Do you and your fellow gesneriad-growing friends feel the need to branch out and start a new chapter? Do you know of a group of people near you that does? Drop me a line and I would be more than happy to help you with encouragement and advice on how to get started. To quote the masthead of the Toronto Gesneriad Society's Newsletter: "We're not strangers—only friends you have not met!" Stay connected—JOIN A CHAPTER or START A NEW ONE!

AGGS Slide Programs

Dee Stewart <dee.stewart@110.net>
1 No Name Road, Stow MA 01775-1604

The 2002 Convention Show program is now available. This show, hosted by the Frelinghuysen Arboretum Chapter, was the largest and perhaps most diverse show we've had in recent memory. For those who didn't make it to Morristown, here's your chance to see the show after all. If you did make it to Morristown, I'm sure you'd love to see these plants again.

The programs in the AGGS slide library are a great, inexpensive way to bring the expertise of some of our most knowledgeable members to your local chapter. You can also see recently introduced species and hybrids that may not have made it to your area yet. Get hints on how to grow the plants by learning about their native habitat and how other people grow them. I'll be happy to answer any questions about specific programs.

The following programs are currently available:

- Introduction to Gesneriads (56 slides)
- Kansas City: Convention 2001 (80 slides)
- Tampa: Convention 2000 (79 slides)
- Achimenes (59 slides)
- Chiritas (60 slides)
- The Companion Genera: *Nematanthus* and *Codonanthe* (77 slides)
- Kohlerias (72 slides)
- Sinningias (80 slides)
- *Streptocarpus* Species (75 slides)
- *Streptocarpus* Hybrids (79 slides)

Programs can be reserved by mail to Dee Stewart, 1 No Name Road, Stow MA 01775-1604 or email to <dee.stewart@110.net>. Specify the program to be reserved and the date the program is required. Since new programs are very popular, it is helpful if you provide as much lead time as possible, provide alternate dates, or alternate programs that would be acceptable. Please specify the address the program is to be mailed to and a contact phone number. Program rental of \$20.00 US payable to AGGS must be received before the program can be shipped. Your request will be promptly acknowledged and programs will be shipped to arrive at least one week in advance of your reserved date. Older programs are shipped in slide sleeves and must be placed in a carousel or other container for viewing. Newer programs are shipped in a carousel. Programs must be returned within 5 days of your reservation date via Priority Mail with delivery confirmation in the U.S. or the equivalent postal category from outside the U.S.

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Future Gesneriad Study Trip to Brazil

Previous study trips to Brazil in 1991 and 1999 were organized by the Gesneriad Research Foundation, and Mauro Peixoto was the guide for both of those trips. Discussions at the AGGS Convention last July have prompted Mauro to organize another study trip to Brazil—this one scheduled for the end of October 2003. He is now in the process of putting together the itinerary and developing the cost of the trip. If you are interested in participating on this study trip to Brazil, please contact the trip coordinator in the U.S.:

Gussie Farrice
121 Nelson Avenue
Staten Island, New York 10308

(718-356-7763)
<fgfarrice@aol.com>



Sinningia lindleyi exhibited by Robert Hall at the Convention
2002 Flower Show and awarded Best Brazilian species
in honor of Mauro Peixoto (photo by Bob Stewart)

Coming Events

April 5 — Connecticut — The Windsor African Violet Society show "A New England Patchwork of Violets" and sale at the Windsor Public Library, 323 Broad St., Windsor. Saturday 9:00 am to 3:00 pm. Contact Marcia Kilpatrick (860-455-1226).

April 5-6 — California — Capital City AVS annual judged show and sale at the Sacramento Garden and Arts Center, 3330 McKinley Blvd. Saturday 2:00 to 5:00 pm; Sunday 10:00 am to 4:00 pm. free admission and parking; hundreds of sale plants; supplies; growing advice. Contact Lynn Lombard <lombard@oro.net> (530-637-9000).

April 5-6 — New Jersey — The African Violet Club of Morris County presents "Violets Go to the Opera", its 7th annual show and plant sale at the Frelinghuysen Arboretum, 53 East Hanover Ave., Morristown. Saturday 1:30 to 5:00 pm; Sunday 11:00 am to 4:00 pm. Free admission. Contact Karyn Cichocki (973-579-7914) <kc@middletonins.com>.

April 26-27 — Illinois — Northern Illinois Gesneriad Society judged show and plant sale "Carnivale!" at the Chicago Botanic Garden, Lake Cook Road, East of I-94, Glencoe. Saturday and Sunday 12:00 noon to

4:30 pm. Admission free; Parking \$7 per car. Handicapped accessible. Contact Susan Bradford (847-740-7801).

May 3 — Canada — Vancouver African Violet and Gesneriad Society show and sale at the Van Dusen Botanical Gardens Floral Hall, Vancouver. Saturday 1:00 to 4:00 pm. Contact Bill Price <billprice@telus.net>.

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